

Great-West Lifeco Inc.

AR57

Winspear Business Reference Room  
University of Alberta  
1-18 Business Building  
Edmonton, Alberta T6G 2G6

of London Insurance  
by upping its offer by  
er \$43 million yester-

Winnipeg-based com-  
announced it increased  
trial offer for LIG by 50  
to \$34 a share, making  
94-billion deal.

accepting the revised  
IG's parent company  
Financial Corp.  
ed into an irrevocable  
up agreement with

*Building on*

company "there was no  
need for a termination fee."

Yesterday, Great-West  
Life Assurance Co. indicat-  
ed that an offering circular  
will be mailed within the  
next two weeks. G-W Life  
president Ray McFetters  
said he expects the acquisi-  
tion to be finalized by the  
end of October or early  
November, subject to regu-  
latory approval.

The agreement with  
tribay is currently contin-

will also have a degree  
input to how the busi-  
ness will be run after the  
the closing of the  
including approval  
major capital expendi-  
at London Life.

50 cents more

Analysts say G-W  
co. and the 50-cent-a-  
share premium to get  
committed to the deal  
effective end biddi-









**FINANCIAL HIGHLIGHTS***(in millions of dollars except per common share amounts)*

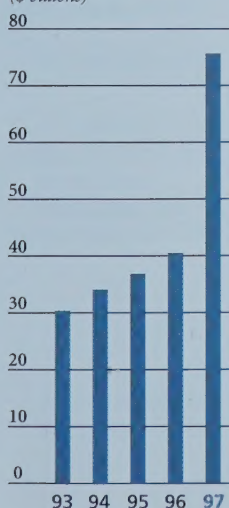
	1997	1996	% Change
<b>FOR THE YEAR</b>			
Total premiums including risk premiums, self-funded premium equivalents and segregated fund deposits			
Life insurance	\$ 1,850	\$ 1,806	2%
Annuities	4,638	3,293	41%
Health insurance	4,866	4,506	8%
Reinsurance	904	—	—
Property & casualty insurance	7	—	—
Total	12,265	9,605	28%
Fee and other income	705	567	24%
Net income before provision for integration costs			
Total	345	289	19%
Common shareholders	314	259	21%
Net income			
Total	250	289	(13%)
Common shareholders	219	259	(15%)
Return on common shareholders' equity before provision for integration costs	17.4%	17.2%	
Return on common shareholders' equity	12.5%	17.2%	
<b>PER COMMON SHARE</b>			
Net earnings before provision for integration costs	\$ 1.94	\$ 1.65	18%
Net earnings	1.36	1.65	(18%)
Dividends paid	0.74	0.59	25%
Book value	14.16	10.13	40%

**AT DECEMBER 31**

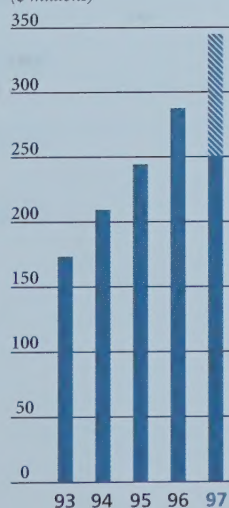
Life insurance in force (face amount)	\$ 412,104	\$ 251,743	64%
Annuities in force (funds held)	39,032	24,505	59%
Health insurance in force (annualized premiums)	6,594	5,092	29%
General funds assets	52,084	28,010	86%
Segregated funds assets	22,162	12,342	80%
Other assets under administration	1,286	—	—
Total assets under administration	75,532	40,352	87%
Capital stock and surplus	3,162	1,995	58%

**Assets Under Administration**

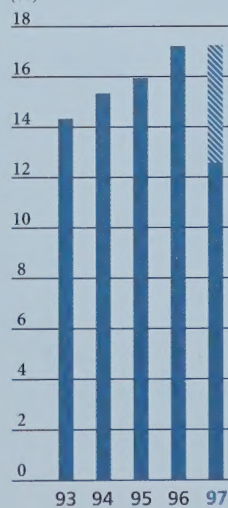
(\$ billions)

**Net Income**

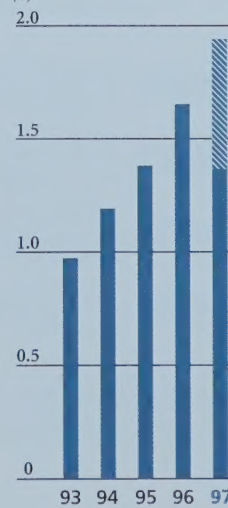
(\$ millions)

**Return on Equity**

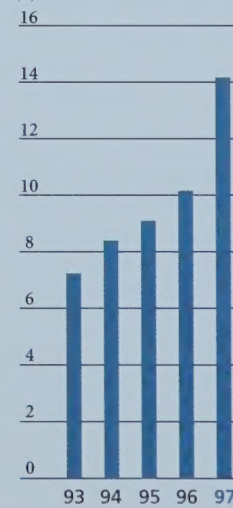
(%)

**Earnings per Common Share**

(\$)

**Book Value per Common Share**

(\$)



▨ provision for integration costs



**G**reat-West Lifeco Inc. is an insurance holding company, with a 99.5% voting interest in The Great-West Life Assurance Company. Great-West Life and its subsidiaries, London Life Insurance Company and Great-West Life & Annuity Insurance Company, serve the financial security needs of more than 10 million individuals in Canada and the United States. Lifeco and its companies have more than \$75 billion in assets under administration.

Lifeco was formed in 1986 to hold securities of The Great-West Life Assurance Company. Lifeco is not restricted to investing in Great-West Life common shares, and may make other investments in the future.

#### **The Great-West Life Assurance Company**

Founded in Winnipeg in 1891, Great-West is the leading life and health insurer in the Canadian market. The Company offers a wide range of life insurance, retirement savings and investment products for individuals, families, businesses and organizations. The Company markets its products in Canada

through a network of Great-West representatives, brokers and through marketing agreements with other financial institutions.

#### **London Life Insurance Company**

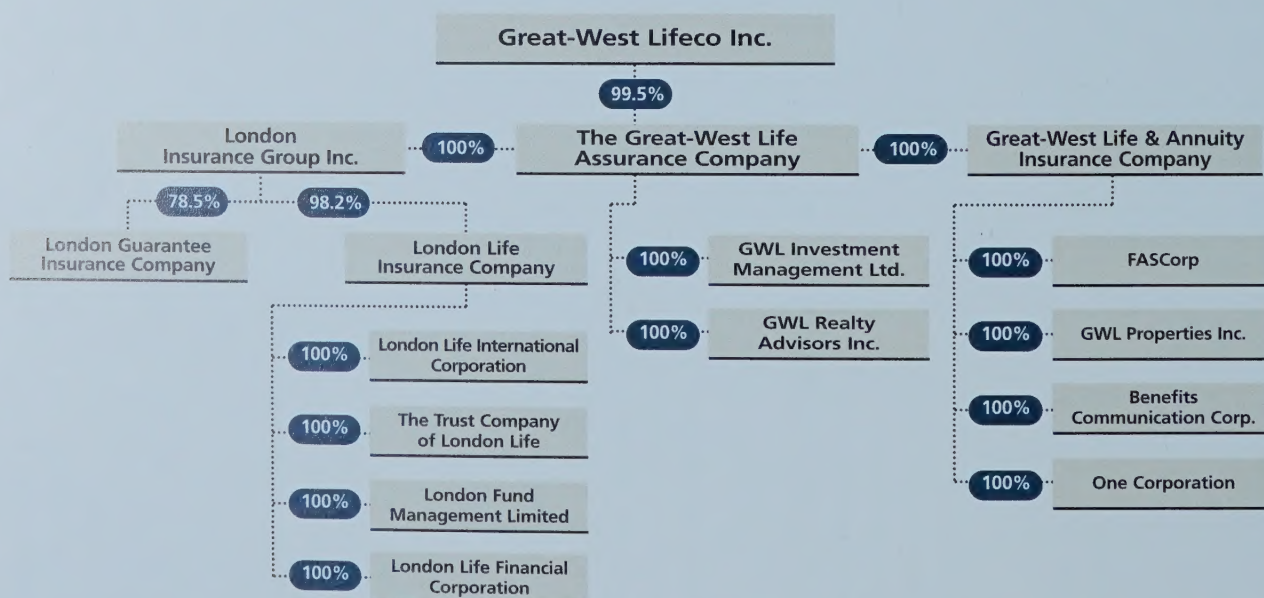
Founded in London, Ontario in 1874, London Life is the leading provider of life insurance to individuals in Canada, under its widely recognized Freedom 55 brand. London Life markets life insurance, disability insurance and retirement savings and investment products in Canada through its career agency sales force. In addition to its domestic operations, the Company is a supplier of reinsurance in the United States and Europe, and is a 39%

participant in a joint venture life insurance company, Shin Fu, in Taiwan.

Great-West acquired London Life in November 1997.

#### **Great-West Life & Annuity Insurance Company**

In the United States, Great-West Life & Annuity is a leader in providing employee benefits for small to mid-sized corporations and in meeting the retirement income needs of employees in the public/non-profit sector. The Company markets its products through brokers and group representatives, and through marketing agreements with other financial institutions.





## STRENGTH IN BUSINESS

The major businesses of Great-West Lifeco's family of companies

Business	Principal Products & Services	Markets	Distribution Systems
<b>Individual Insurance &amp; Retirement</b>	<ul style="list-style-type: none"> <li>participating and non-participating life insurance</li> <li>disability insurance</li> <li>segregated funds</li> <li>registered and non-registered savings &amp; income products</li> </ul>	<ul style="list-style-type: none"> <li>consumers across Canada</li> </ul>	<ul style="list-style-type: none"> <li>Great-West Life representatives</li> <li>London Life representatives</li> <li>Investors Group representatives</li> <li>independent brokers and agents of intercorporate partners</li> </ul>
<b>Group Insurance</b>	<ul style="list-style-type: none"> <li>life and AD&amp;D insurance, short and long-term disability insurance</li> <li>health and drug coverages not provided by Medicare, dentalcare, visioncare</li> <li>employee assistance plans</li> <li>flexible benefit plans</li> <li>managed care</li> <li>plan administration services</li> </ul>	<ul style="list-style-type: none"> <li>businesses and organizations with 3 or more employees, in all regions of Canada</li> </ul>	<ul style="list-style-type: none"> <li>Great-West Life representatives</li> <li>London Life representatives</li> <li>Investors Group representatives</li> <li>independent brokers and consultants</li> </ul>
<b>Group Retirement</b>	<ul style="list-style-type: none"> <li>Group RRSPs</li> <li>pension plan administration</li> <li>pension investment services</li> </ul>	<ul style="list-style-type: none"> <li>businesses and organizations in all regions of Canada</li> </ul>	<ul style="list-style-type: none"> <li>Great-West Life representatives</li> <li>London Life representatives</li> <li>independent brokers and consultants</li> </ul>
<b>Specialty Insurance</b>	<ul style="list-style-type: none"> <li>specialty general insurance</li> </ul>	<ul style="list-style-type: none"> <li>specific niche business markets</li> </ul>	<ul style="list-style-type: none"> <li>independent brokers</li> </ul>
<b>Life &amp; Health Insurance</b>	<ul style="list-style-type: none"> <li>individual participating and non-participating life and health insurance</li> <li>group life and health insurance</li> </ul>	<ul style="list-style-type: none"> <li>primarily individual consumers</li> <li>some business customers</li> </ul>	<ul style="list-style-type: none"> <li>career representatives of Shin Fu in Taiwan</li> </ul>
<b>Reinsurance</b>	<ul style="list-style-type: none"> <li>specialty reinsurance products including life, property and casualty, accident and health, annuity coinsurance</li> </ul>	<ul style="list-style-type: none"> <li>major international life, health and property and casualty insurers and reinsurers</li> </ul>	<ul style="list-style-type: none"> <li>staff of London Reinsurance Group</li> <li>independent brokers</li> </ul>
<b>Employee Benefits</b>	<ul style="list-style-type: none"> <li>life, health &amp; disability insurance</li> <li>managed care programs</li> <li>401(k) savings products and rollover IRA products</li> <li>flexible benefits accounts</li> </ul>	<ul style="list-style-type: none"> <li>small to mid-sized corporate employers across the U.S.</li> </ul>	<ul style="list-style-type: none"> <li>sales and service staff of Great-West Life &amp; Annuity</li> <li>One Health Plan HMO offices</li> <li>independent brokers and consultants</li> </ul>
<b>Individual Insurance &amp; Retirement</b>	<ul style="list-style-type: none"> <li>employer-sponsored, tax advantaged retirement products</li> <li>private label annuity products</li> <li>life insurance</li> <li>communication and enrollment services</li> </ul>	<ul style="list-style-type: none"> <li>organizations in the public/non-profit and institutional markets</li> </ul>	<ul style="list-style-type: none"> <li>marketing agreements with financial institutions</li> <li>independent marketing agencies</li> <li>BenefitsCorp</li> </ul>
<b>Administrative Services</b>	<ul style="list-style-type: none"> <li>administration and recordkeeping services for financial institutions</li> </ul>	<ul style="list-style-type: none"> <li>organizations in the public/non-profit and institutional markets</li> </ul>	<ul style="list-style-type: none"> <li>FASCorp</li> </ul>



**F**or Great-West Lifeco, the acquisition of London Insurance Group in November 1997 was a watershed event, capping off a year of strong growth in both its Canadian and United States operating subsidiaries.

Lifeco's earnings for common shareholders for 1997, before the special integration charge of \$95 million related to the London Insurance Group acquisition increased to \$314 million or \$1.94 per share. This was a 21% increase in net income over 1996. This solid growth in earnings reflects significant increases from Lifeco's Canadian and United States subsidiaries, and can be traced to strong increases in income, supported by effective expense management. Return on equity before the special charge was 17.4%, up from 17.2%.

The special charge taken in the fourth quarter is a provision for the estimated expense of integrating the operations of London Life and Great-West. Over the next two years, we expect to realize expense synergies in excess of \$150 million pre-tax per year. These expense savings are in addition to expected revenue synergies.

Value for shareholders continued its upward trend of recent years, with

- annual dividends up 25%,
- book value of common shares up 40%, and
- market value nearly doubling in 1997.

The overall size of Lifeco's operating subsidiaries grew substantially in 1997. When London Life is included, total assets under administration increased 87%, to more than \$75 billion.

The financing of the acquisition was structured to maintain the financial strength and credit ratings of the operating subsidiaries, which continued to receive superior

ratings from six rating agencies.

With the acquisition of London Insurance Group, Lifeco now has a stronger, more balanced North American operation. London Life's leadership in the individual insurance business is a strong strategic fit with Great-West's leading group insurance position in Canada. In terms of earnings potential, the expanded Canadian business means greater geographic balance for Lifeco between its U.S. and Canadian operations, and increased diversification through a heightened market presence in individual insurance. The purchase also provides access to the United States and European reinsurance markets, where London Life has developed successful businesses. Overall, this enhances stability in the face of regional, political and competitive uncertainties. In short, it builds value for Lifeco's shareholders and for customers of its companies.

#### **CANADA: BUILDING ON STRENGTH**

The acquisition of London Life presents a unique opportunity to build on the strengths of Great-West in Canada. Going into the acquisition, Great-West was well established as a leader in group insurance and disability insurance markets in Canada. The addition of London Life significantly strengthens Great-West's position in those markets, but in addition, gives it the size and strategic position to achieve similar leadership in the individual insurance and savings, and group retirement markets.

While size is not an objective in itself, it offers significant advantages in today's marketplace. The Canadian life insurance industry is

characterized by overcapacity, intense competition internally as well as from other financial institutions and, with some exceptions, markets where growth is relatively flat. At the same time, new technologies and expanded distribution systems are needed to satisfy consumer demands for quality service and lower cost. In creating the leading Canadian life insurer, Great-West has established an organizational base that is capable of better anticipating and responding to these demands, with increased capital resources to fund growth; expanded distribution capacity; faster product development; and stronger technology platforms for sales support.

Great-West's mission is to become the leading advice provider of financial security products for Canadians. Great-West has had a long-standing commitment to advisory sales forces as the key distribution channel. Industry studies have consistently shown that consumers want to be served by advisory sales forces, and Great-West expects the advice seeking segment of the market to prosper.

In conjunction with Investors Group, Great-West now has access to the largest financial services sales force in Canada, with more than 7,000 sales representatives serving the needs of Canadians. The distinct and competitive sales forces – London Life, Great-West and Investors Group – are augmented by brokers and intercorporate partners. Great-West sees opportunities to enhance revenue from these distribution systems, by broadening the range of products offered, shifting the mix of business toward



high-growth savings products, creating a common information systems platform, and sharing technical knowledge and experience between these successful distribution organizations.

The business volumes produced by these diversified distribution channels allow Great-West to offer sophisticated financial products at a lower cost, and still provide the personalized, professional advice and service that Canadians want and expect.

#### UNITED STATES: RESPONDING TO CHANGE

There are common themes in the strategies of Great-West in Canada and Great-West Life & Annuity (GWL&A) in the United States: developing innovative, financial

products and services, diversifying distribution systems and developing economies of scale resulting in lower unit costs. However, the tactics in the United States are markedly different, reflecting the unique demands of the marketplace.

GWL&A's strength in the U.S. lies in a tight focus on three target markets: the employee benefits market for small to mid-sized corporate employers; the defined contribution retirement market with special emphasis on public/non-profit entities; and the private sector institutional market for individual financial security products. While GWL&A is focused on these established businesses, the Company is also investing in opportunities that are tied to its core capabilities.

An example is the health care market. Over the past ten years, the business of insuring the payment of health care expenses has been transformed from a predominantly indemnity health insurance business to one of managing the delivery of health care as well as providing for the payment of health care expenses. GWL&A has been aggressively participating in the evolution of the health insurance business by transforming itself from yesterday's indemnity insurer to tomorrow's managed care company. Where in the past, GWL&A's focus was to fund and pay for incidents of illness, it is increasingly working to see that health care dollars are spent efficiently and effectively. In this changing world, GWL&A has the potential to add much greater value for its customers and their



**JAMES W. BURNS**  
Chairman of the Board

**OREST T. DACKOW**  
President and Chief Executive Officer



employees than in the old world of processing claims.

Another example is the provision of administrative services to pension customers for whom GWL&A does not manage the assets. GWL&A's administrative systems are fully automated and designed to provide participants a high degree of convenience and accuracy in accessing personal account information and performing routine fund transactions. These personal, responsive services are in demand and GWL&A is responding by making them available on an "administrative services only" basis. In addition to meeting customer demand, the Company is also providing services that have the potential of improving administrative unit costs for all its customers.

GWL&A's biggest challenge is managing growth in a changing environment – a challenge the Company is meeting by maintaining excellent service to existing customers and developing solutions to attract new customers with complementary needs. GWL&A is managing today's business with care, while designing health care and financial services products that will help define tomorrow's markets.

#### ACHIEVING BALANCE

Rating agencies and industry associations have for some time noted the intensity and diversity of competition within the Canadian life and health insurance sector. This competition is increasing, despite

substantial consolidation that has been occurring in the industry. Even with this consolidation, more than 100 insurers compete for the consumer's business in Canada, in addition to competition from other providers of financial products.

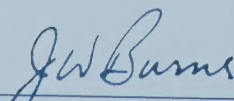
The existing public policy environment in Canada has contributed positively to this increasing competitiveness. In particular, regulatory changes since 1992 have opened up a number of markets to competition from a variety of financial institutions. However, we remain concerned about some regulatory inequities that we believe place insurers at a disadvantage. We believe that the market and consumers are best served by broad competition among a variety of financial institutions. These, among other issues, are being considered by the Task Force on the Future of the Canadian Financial Services Sector. We look forward to its report, due this fall.

In the United States, we are following potential legislative activities both in Washington and in several state legislatures, on health care and retirement plans. We believe that in both arenas, insurers continue to bring value to the table. In health care, insurers offer value both in terms of cost containment and quality of care through access to extensive information on the efficacy of medical treatments. Insurers have a similarly important role to play in the retirement savings market. We believe

Washington and the states should be encouraging the private financing of retirement savings beyond Social Security, rather than providing for additional taxation of these savings.

Our operating companies continue to participate in the policy-making process on important issues such as these, through industry associations, taking part in public hearings and providing feedback on policy papers. In addition, our operating companies are taking steps to secure their place in this evolving competitive landscape. We believe the strategies outlined here will successfully answer the challenges of the marketplace. Our confidence is based on our ability to continue to provide value to customers – a strength enhanced by the initiatives discussed here.

Great-West Lifeco enters 1998 with stronger, more balanced North American operations, with the expanded Great-West in Canada and the growing, successful Great-West Life & Annuity in the United States. The fact that we are able to act on emerging opportunities speaks to the skills and hard work of the people who make up the Great-West family of companies. On behalf of the Board of Directors, we extend our appreciation to the staff and sales representatives in all our operations for their outstanding efforts, and to our customers and shareholders for their continued support.



**JAMES W. BURNS**

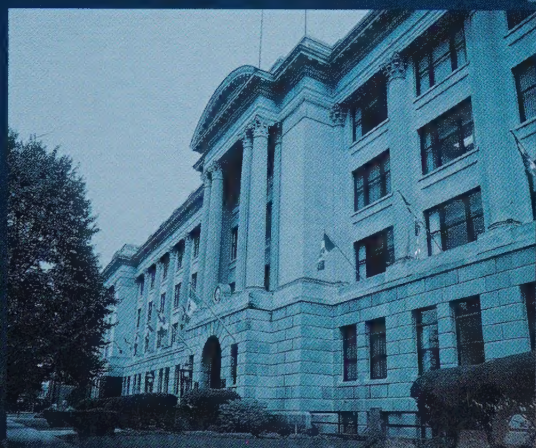
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*Ray McFeetors*



**RAYMOND L. McFEETORS**  
President and Chief Executive Officer,  
The Great-West Life Assurance Company



**D**uring 1997, Great-West, already well recognized for financial strength and leading market position, significantly added to its capabilities by acquiring the London Life Insurance Company. The acquisition unites London Life's strength as the leading provider of individual life insurance in Canada, with Great-West's strength as a leader in group benefits, disability insurance and investment funds. It presents a unique opportunity to build on these strengths, increase the companies' abilities to serve more customers and become more competitive both in Canada and globally.

Together, Great-West and London Life meet the financial security needs of more than eight million Canadians. To capitalize on their existing marketing strengths, the companies will maintain their distinct identities. Canadians will continue to see their London Life or Great-West representative in their communities, providing clients with innovative solutions to their financial security needs. Group customers will have access to enhanced products and services at competitive prices, through an expanded sales and service organization.

This review of 1997 discusses the operations of Great-West and London Life separately, recognizing both the distinct structures and identities of the companies, and that London Life was acquired by Great-West in November 1997.





In 1997, Great-West continued to grow in its ability to attract and serve customers, through new products targeted to specific market needs, and enhanced applications of technology that increase accessibility and value for customers.

#### GROUP INSURANCE

The group insurance business is highly competitive, with high performance standards and customer expectations. Great-West is the leading provider of employee benefit plans for Canadians because, over the years, the Company has effectively responded to the changing needs of its employer clients, providing increasing value while minimizing the cost of employee benefits.

Great-West has strengthened its leading position and increased its total market share by integrating the group operations of London Life, adding a significant number of small and medium-sized Canadian employers. In this target market, where London Life was the leading provider, employment growth is expected to continue. In 1998, the distribution organizations of both companies will provide products and services under the Great-West brand.

One of the reasons for the Company's continued growth is its emphasis on cost and quality controls for the benefit of its employer customers. This supports customer retention and Great-West's reputation as the provider of choice with

innovative products, a wide variety of benefit options and timely processing of claims.

An example is the provision of on-line adjudication of dental claims. Almost a third of dental claims are now processed electronically from the office of the dentist and the Company will continue to lower expenses and improve customer service through this sophisticated system. Similar on-line processing of prescription drug claims tells customers in the pharmacy whether or not the expense is covered and facilitates control features that minimize plan costs while maintaining effective benefit coverage.

During 1997 Great-West again expanded its *GroupNet* service, an electronic administration system accessed through the Internet. *GroupNet*, introduced in 1996, offers a competitive advantage as employers, through customized electronic data bases, gain access to a wide range of information on their benefit plans, as well as changes in health care and insurance legislation. *GroupNet* is also a convenient link to Great-West customer service specialists via e-mail. Last year, Great-West added a direct enrollment capacity so employers can add or subtract employee members quickly and make changes to their coverage. The Company also introduced extensive analysis capabilities so employers can compare their claims experience and benefit plans to industry averages.

For many years, Great-West has been a leader in the disability insurance field, where increasingly the Company is taking an integrated approach to disability claims management. *Coordinated Disability Care* combines medical treatment with rehabilitation starting as early as possible and continuing until the employee is able to resume work. In 1997, Great-West expanded its services, introducing additional services for disabled clients, including wellness seminars, and financial, legal, childcare and eldercare services. The Company has also restructured its claims adjudication process to further improve service to customers.

Administration of employee benefit plans is often an expense that employers seek to manage more effectively. Therefore, last year, Great-West began offering *Benefit Administration Outsourcing*. The Company assumes responsibility for the client benefit administration function, while providing a cost saving for the client.

#### RETIREMENT AND INVESTMENT SERVICES

Canadians have an increasing need for investment and retirement programs and services. This is partly because of changing demographics in the Canadian population where the average age is increasing, but also because of changes in government sponsored pension plans and tax strategies, which are putting



more responsibility on individuals for their retirement incomes.

Great-West's Retirement & Investment Services area focuses on providing long-term savings and investment products for both individuals and employer groups, where payroll deductions give employees the convenience to build their retirement savings.

Sustained low rates of interest have made insurance company segregated funds increasingly attractive and Great-West, which already held a leading market share, had significant growth in sales during 1997. Eight new segregated funds were added, bringing the total portfolio to 42 funds. To diversify fund management styles, the Company provides the expertise of GWL Investment Management Ltd., a wholly-owned subsidiary, plus five of Canada's most prominent external fund managers.

With the increased interest and need of Canadians to choose a personal financial savings plan, there has been a corresponding increase in the numbers and choices of plans available. To help in what can be a daunting situation, Great-West provides an asset allocation system, called *Discovery*. Since *Discovery's* introduction in 1996, customers have found it helpful not only in selecting the kinds of investments that meet their long-term needs, but also in maintaining a balance in their portfolios – depending on their investment objectives, the degree of risk they are willing to accept and the length of time they plan to hold the investment.

Under the guidance of a Great-West representative, the customer's selections and choices are converted to recommendations that meet their needs. *Discovery* also provides easily understood reports with details on the client's risk profile, recommended portfolio and fund details.

Financial security planning is a service in increasing demand by customers. To ensure its representatives have the tools and information they need to serve customers, Great-West offers regular training and backs them with electronic functions to access information for retirement savings and investment products.

#### INDIVIDUAL INSURANCE

Great-West's individual life and disability insurance products are key parts of a foundation for personal financial planning. The Company distributes individual products through its 750 Great-West representatives across Canada, as well as through sales representatives of Investors Group, other financial institutions and brokers. The acquisition of London Life significantly enhances Great-West's position in the individual insurance market, adding 1.7 million customers, and a sales force of an additional 2,900 representatives, making the organization the number one provider in Canada.

Great-West and London Life will merge their "back room" individual operations in 1998. A single management team will provide product development, administration and marketing support. London Life representatives will continue to serve their clients with London Life

insurance products. Great-West representatives will continue to serve their customers with Great-West branded products.

The strategic decision to maintain separate sales organizations allows the companies to introduce economies of scale from the larger operation while preserving established customer relationships. Productivity and expense management in life insurance sales are challenges facing the industry and the companies have good track records in both areas.

During 1997, Great-West added a new universal life product, *DiscoverLife*, which expands the investment options for customers who select this form of insurance, which combines protection with interest earning cash values. For its participating policyholders, the Company was able to once again maintain its dividend rate, paying out \$70 million in policyholder dividends, continuing a performance level that is attractive to customers.

Individual disability insurance is increasingly important as workplace restructuring means more people are setting up businesses, often working out of their homes. Great-West's *Competitor* product is designed to meet the needs of this growing group of customers, including those who work part time or seasonally. Great-West distributes this popular product and other disability insurance products through its own representatives, other insurance companies by special contract, independent brokers and representatives of London Life and Investors Group.



During 1997, London Life continued to expand its position as the number one provider of individual life insurance to Canadians. The integration of business from its 1996 acquisition of the Canadian operations of The Prudential Insurance Company of America increased its individual customer base, added mutual funds to the portfolio of products offered by its sales representatives, and significantly grew the number of business clients for group life and health insurance. It also brought with it a new network of independent brokers and consultants for group operations, augmenting the Company's own sales force.

Today, London Life serves 1.7 million Canadians. Its key strength continues to be the career agency sales force of 2,900 representatives. London Life believes that as a result of careful recruitment and training, the provision of attractive, up-to-date products and extensive marketing support, its representatives will remain with it longer, establish stronger and more enduring trust relationships with customers and increase the Company's business base.

The size of its operation allows London Life to segment markets and serve them with distinct sales forces. The District Sales Division, the Company's largest, targets the "concerned family" market. The General Sales Division focuses primarily on small business and

middle income families. In addition, there are two "niche" marketing operations, one serving the wealth management needs of high net worth individuals, the other specializing in retirement planning.

#### INDIVIDUAL INSURANCE

To support its representatives, London Life developed the *Freedom 55* marketing concept which emphasizes the need for personal planning to achieve life's goals. This highly successful marketing program has made the Company's products among the most recognized in the industry. The program meshes well with its distribution strategy of personal, one-on-one selling through its well-trained and productive sales force aligned to target markets.

While London Life markets both participating and non-participating life insurance policies, the bulk of its business is in participating insurance where the Company has 2.4 million policies in place. Dividends to participating policyowners amounted to \$426 million in 1997, indicating the breadth of this business block in the Company. London Life continues to re-design insurance products to meet changing customer needs. One of the more popular last year was *Freedom Term*, a non-participating term insurance product that starts with a high face value and reduces to a lower amount of permanent paid up insurance. Another non-par

product, *Med Free*, offers smaller amounts of life insurance to older policyowners.

#### RETIREMENT AND INVESTMENT SERVICES

Canadians are becoming more knowledgeable about their savings and retirement needs, and more selective among competing companies. Over the past five years London Life has significantly strengthened its ability to serve the retirement savings and income needs of increasing numbers of Canadians. As its customer base has aged in line with that of the Canadian population, London Life has introduced new products, increased training for representatives and added new technology both to support representatives and improve reporting to customers. Whereas in the past the major emphasis was on sales of retirement products registered for income tax purposes, the Company now competes with banks, mutual fund companies and other life insurers with a broad range of segregated funds and mutual funds, both registered and non-registered.

London Life's segregated funds, all managed internally, performed strongly last year giving sales representatives a competitive advantage. In addition, more than 1,000 sales representatives are licensed to market the Company's seven *MAXXUM* mutual funds,



acquired with Prudential's Canadian operations.

London Life's sales representatives have a comprehensive, high performing and attractive portfolio of retirement savings and investment products to offer customers in addition to the industry-leading life insurance product portfolio. This equips its people to offer a full evaluation of the personal financial security needs of the customer and then offer a broad choice of products to meet those needs.

During 1997, the consolidation of The Prudential's group retirement business with London Life progressed extremely well. This now forms an excellent base on which to add Great-West business to London Life's Group Pension Administration System (GPAS), acknowledged as one of the best group retirement systems in North America.

A combined large group retirement product will eventually be sold and serviced through regional administration offices with Head Office operations in London.

#### GROUP INSURANCE

London Life, over the years, built its group insurance business around its individual life insurance base of

operations. Well established as the leading insurer for individuals, the Company used that as a foundation for the marketing of group life, health, disability and retirement products to its individual customers who owned or operated businesses. Many initial contacts are made by the individual life insurance representative who then turns to Company employee benefit specialists to prepare the appropriate business bid. This has resulted in London Life specializing in the provision of group insurance products to small businesses where it has emerged as the number one insurer for groups of fewer than 1,000 employees.

In 1997 London Life capitalized on the group business we had acquired as part of The Prudential operations in Canada, particularly the extensive network of brokers and consultants in the larger group markets. Considerable work was done during the year to complete the restructuring of group operations. Business increased in all sectors in line with general increases in the health of the Canadian business economy.

#### INTERNATIONAL BUSINESS

Internationally, London Reinsurance Group (LRG) continued its growth

in the highly specialized reinsurance field and its profits make a strong contribution to the Company.

The reinsurance business involves legal contracts whereby the risk of one insurer is transferred to another. LRG reinsures life, property and casualty, accident and health and annuity business in Europe and the United States, dealing with other major insurance and reinsurance companies. The Company makes its income in some instances from the insurance margins and investment income after premiums are collected and claims paid, and in other cases from spread income or fees on a contract.

Earned premiums and assets both showed increases in 1997.

London Life's major Asian initiative is a 39% interest in the Shin Fu Life Insurance Company in Taiwan. The Company has assisted Shin Fu in adapting and implementing the career agent training systems that have proven successful for London Life in Canada. As is the case with any start-up company, business must be retained for some years before profits are generated.





**WILLIAM T. McCALLUM**

President and Chief Executive Officer,  
Great-West Life & Annuity Insurance Company



As the pace of evolution in the financial services marketplace accelerates, Great-West Life & Annuity is positioning itself for the 21st century, through a disciplined focus on target markets where it can provide the greatest value-added services.

Driven by this common focus, the Company's two autonomous operating divisions – Employee Benefits and Financial Services – employ very different tactics. One division bundles products to realize synergies for the Company and its customers. The other offers distinct but related products and services that customers can use individually, or in customized combinations to achieve the desired results. As well, the Company's proprietary technology provides an administrative back room that is transparent to the end consumers of client companies.

Whether by developing new products and services in-house, buying blocks of business or teaming with strategic partners, GWL&A will continue to pursue initiatives to enhance the satisfaction of its customers, and emerge stronger in the next century.





**G**reat-West Life & Annuity Insurance Company is one of the largest insurance companies in the United States. Much of the Company's success is attributed to its strong focus on providing innovative products and services for customers. Unlike competitors who try to be all things to everyone, GWL&A carefully selects market opportunities that are consistent with its business strategy, operations and expertise, resulting in the best service for customers.

GWL&A concentrates on serving key markets where it can provide the greatest value-added services. For example, in the highly competitive employee benefits area, the Company provides small to mid-sized corporate employers a comprehensive choice of health, life, disability, 401(k), vision, and dental plans packaged through a single company. In the defined contribution retirement market, GWL&A specializes in delivering highly customized products for public and non-profit organizations. As well, the Company uses a variety of distribution channels to deliver a comprehensive array of financial security products to business clients and their employees.

Today's customers expect maximum convenience, with products and services made readily available when and where they want them. GWL&A is recognized

for attention to detail, and for providing access to high quality, value-added services in all of its product lines and service areas.

Great-West Life & Annuity has two major business divisions: Employee Benefits and Financial Services.

- Employee Benefits distributes a wide range of managed health care, life and disability insurance, and retirement savings plans to employers across the United States.
- Financial Services provides a variety of individual retirement savings, insurance and annuity products and services to organizations in the public/non profit and institutional sectors.

Overall GWL&A manages more than \$32 billion on behalf of customers and serves more than one million retirement customers.

#### EMPLOYEE BENEFITS

Employee Benefits made significant progress in all aspects of its operations during 1997, as the Company carried forward on strategic initiatives and strengthened its marketing position to more than 9,500 employers across the United States. The division's five-year strategic plan confirms its commitment to group health and retirement planning, and supports expansion of its managed health care programs and services. The

Company recorded very strong growth in 401(k) assets during 1997, which now exceed \$7.5 billion.

A key strength continues to be GWL&A's ability to offer employers integrated employee benefits packages that team a competitive range of managed care plans with savings in employer health care investment. The Company builds maximum flexibility into benefits packages, allowing employers to provide their employees with a choice of high-quality, cost effective benefits. Customers appreciate an integrated package that includes managed health care plans, 401(k) savings plans, group life and disability insurance plans and flexible spending accounts administered by a single company. GWL&A's integrated approach extends to pricing, administration, funding and service resulting in higher quality and lower cost for customers.

This integrated employee benefits package, marketed as the *Total Benefits Solution*, appeals to employees and their employers. Employees appreciate broader employee benefit choices, and the ability to manage their long-term financial security. Employers find the *Total Benefits Solution* actually helps them attract and retain employees, while the pricing lowers their costs and improves cash flow. Because it is a fully integrated,



unified system, it offers a series of attractive advantages. Employer or employee questions about health, life, 401(k), dental or vision plans are all handled by a single company, creating highly personal and responsive service.

GWL&A has invested significant time and resources in developing electronic communications to make it easier for customers to manage their employee benefit plans. Members can make a physician selection and receive health information on-line through the Internet. In 1997, GWL&A introduced on-line capabilities for retirement savings customers to access their personal account information and review their fund performance through the Internet.

GWL&A continued to expand its *One Health Plan* managed care networks nationally by obtaining state license approvals in Massachusetts, Oregon, Washington, Ohio, and Tennessee. The Company now has 10 *One Health Plan* managed care companies responsible for managing the network and medical management for 1.7 million health care members. The establishment of health care hubs places service close to customers, thus increasing convenience and access to HMO plans and other managed care products. The national managed care network now includes 2,200 hospitals and 215,000 physicians through GWL&A's contracts and contracts with other companies.

The Company takes pride in the high degree of local access to products through its own offices and those of New England Financial, and continues to pursue

marketing relationships with other companies in order to build market share and improve service.

Helping members stay healthy is a top priority, which is why GWL&A introduced a nationwide quality improvement initiative during 1997. One example of this initiative is an education and communications program for members with asthma or diabetes. The incidence of both diseases is growing in the U.S. population according to recent studies, and both are chronic diseases which need to be managed throughout the patient's life. Through the introduction of videos, pamphlets and wellness quizzes, as well as physician involvement, *One Health Plan* has built a comprehensive program so that those affected can better manage their diseases. By improving patient health in these ways, stays in hospitals and emergency room visits may be reduced, trimming costs while improving quality of life.

GWL&A is a recognized leader in the development of 401(k) retirement savings programs. Saving for retirement is a critical decision, demanding access to as much information and advice as possible so that people can make investment choices that meet their personal savings needs. The Company constantly evaluates its products and services in response to changing market needs. For example, it offers 32 investment options, compared to an industry average of 10. The Company's portfolio includes international, equity and bond investment programs, as well as index, guaranteed and pre-packaged portfolios of investment choices.

In addition to internally-managed funds, GWL&A offers funds by nationally recognized mutual fund companies.

Once investment funds are chosen, participants want real time investment performance information and the ability to change fund allocation quickly and conveniently. To do that, the Company offers *Key Talk*, a 24-hour, toll-free service that allows members to check account balances and make adjustments. In 1997, GWL&A introduced an enhanced service allowing members to access their accounts on-line through the Internet.

In 1997, the Company also introduced a new *Executive Tax-Deferred Savings Program* to increase tax advantages on retirement savings for highly paid employees. Employers find this new program a valuable recruiting tool for key staff. Based upon a mutual funds approach, the investment options offered minimize employer tax liability.

An important part of service continues to be the high calibre of support the Company offers employers. GWL&A makes the transfer of payroll funds and administrative information easy, convenient and paper-free, by offering electronic transactions as an option for employers of all sizes of employee groups. In addition, the Company provides on-site services for enrollment, one-on-one counseling and a complete range of print and video materials to demystify the investment process.



## FINANCIAL SERVICES

The Financial Services Division operates three related, but distinct business units – Public/Non-Profit, Financial Administrative Services Corporation (FASCorp) and Individual life insurance and annuities. Each achieved significant milestones during the past year by providing excellent service to existing customers and by developing solutions to attract new customers with parallel needs.

### Public/Non-Profit Retirement savings products and services

The Company is a leading provider of products in the public/non-profit sector. An unparalleled reputation among clients for service quality and competitive products produced an exceptionally high level of renewed contracts in 1997. As well, the Company's willingness to customize a mix of products and services to the needs of a specific client attracted a record number of new customers.

This willingness to tailor products to meet individual clients' needs is enhanced by the Company's *Fund Evaluation Program*. This program, endorsed by industry experts, brings objective analysis to the fund selection/evaluation process. It gives clients the peace of mind of knowing that their investment options are among the highest quality in the industry.

Financial Services continued to achieve strong growth in its core business in 1997, expanding its customer base by more than 114,000 participants. In addition, GWL&A was selected to support

the retirement savings program of a large hospital system. This contract is a significant milestone in meeting the Company's hospital market growth projections. The hospital market presents a new growth opportunity to GWL&A.

One of today's hot topics in the retirement plan market is the movement from traditional Defined Benefit plans to Defined Contribution or Hybrid plans. GWL&A has extensive experience in providing products and services associated with defined contribution plans and with transitioning defined benefit plans to defined contribution plans, and is well positioned to help employers evaluate the choices available.

### Financial Administrative Services Corporation (FASCorp)

FASCorp, GWL&A's wholly-owned, independent recordkeeping subsidiary, now manages more than one million defined contribution participant accounts. The Company anticipates continued growth as more institutions experience the convenience and cost effectiveness of outsourcing defined contribution recordkeeping. FASCorp's current priority is to manage its recent growth surge.

FASCorp's leading-edge proprietary computer system was designed to meet clients' needs both today and into the future. The Company's commitment to upgrading the system each year, along with its flexible client server architecture make it possible to add volume as needed and to accommodate virtually any plan design. GWL&A is committed to the recordkeeping and administration

market — a commitment the Company believes will create a market leadership position for FASCorp, making it a strong, dependable recordkeeping partner for clients.

### Individual life insurance and annuity markets

For the individual insurance and annuity market businesses, 1997 brought continued excellent persistency for traditional life insurance customers; record sales of \$450 million in the Bank Owned Life Insurance (BOLI) market; and annuity sales in excess of \$340 million in the first full year of the Company's venture with Charles Schwab and Co., Inc.

Over the past few years, GWL&A has identified additional channels through which to distribute life insurance and annuity products – channels that provide access to previously underserved customers in a very effective and efficient manner. GWL&A has made a solid commitment to an initiative that focuses on other financial institutions as channels of distribution.

GWL&A's strategy in this area focuses on simplicity, value and convenience for both the end consumers and the financial institutions. The Company offers a turnkey program that includes high-value, low-cost products, full service call and fulfillment centers, marketing strategies, underwriting and client service support. Through partnerships with major financial institutions, the Company is positioning itself to be a major contributor in this growth market.



## OUTLOOK

The financial services market in the United States, as elsewhere in the world, is characterized by a constant change and swift evolution. Old distribution channels are being challenged. Traditional providers are being replaced by unexpected new competitors. Technology plays an ever more significant role in

determining how well and how fast financial companies develop, manage and distribute products and services.

Great-West Life & Annuity's success comes from building on experience. The Company sees a growing benefit in balancing its own distribution initiatives with carefully selected joint venture

partners. The business lines, particularly the health care sector of the Employee Benefits division, are highly competitive. By zeroing in on customer needs and fulfilling those needs professionally, conveniently and to a standard of high value, GWL&A is in a position to embrace change and emerge stronger in the next century.



The Management's Discussion and Analysis (MD&A) presents management's view of the financial position and performance of Great-West Lifeco Inc. in 1997 compared with 1996. The MD&A provides an overall discussion, followed by analyses of the Corporation's Canadian and United States operations.

## STRUCTURE

Great-West Lifeco Inc. (Lifeco, the Corporation) holds a 99.5% voting interest in The Great-West Life Assurance Company (Great-West). Great-West's principal subsidiaries at December 31, 1997 are London Insurance Group (LIG), a company domiciled in the province of Ontario which holds a 98.2% voting interest in London Life

Insurance Company (London Life), and Great-West Life & Annuity Insurance Company (GWL&A), a company domiciled in the state of Colorado. Great-West holds a 100% voting interest in the outstanding common shares of LIG and 100% of the outstanding common and preferred shares of GWL&A.

Through Great-West and LIG in Canada and GWL&A in the United States, a wide range of life insurance, health insurance, and retirement and investment products, as well as specialty reinsurance and general insurance products are offered to individuals, businesses and other private and public organizations.

## 1997 CONSOLIDATED OPERATING RESULTS

### Great-West Lifeco Inc.

#### Selected Consolidated Financial Information

(in \$ millions, except per common share amounts)

	1997	1996	% Change
<b>For the Year</b>			
Premiums for life insurance, guaranteed annuities, insured health products, and reinsurance and property and casualty	\$ 4,587	\$ 3,532	30%
Self-funded premium equivalents (ASO contracts)	3,500	3,250	8%
Segregated fund deposits	4,178	2,823	48%
Total premium income	\$ 12,265	\$ 9,605	28%
Fee and other income	\$ 705	\$ 567	24%
Net income before provision for integration costs			
Total	\$ 345	\$ 289	19%
Common shareholders	314	259	21%
Net income			
Total	\$ 250	\$ 289	(13%)
Common shareholders	219	259	(15%)
Return on common shareholders' equity before provision for integration costs	17.4%	17.2%	
Return on common shareholders' equity	12.5%	17.2%	
<b>Per Common Share</b>			
Net earnings before provision for integration costs	\$ 1.94	\$ 1.65	18%
Net earnings	1.36	1.65	(18%)
Dividends paid	0.74	0.59	25%
Book value	14.16	10.13	40%
<b>At December 31</b>			
General fund assets	\$ 52,084	\$ 28,010	86%
Segregated fund assets	22,162	12,342	80%
Other assets under administration	1,286	—	—
Total assets under administration	\$ 75,532	\$ 40,352	87%
Capital stock and surplus	\$ 3,162	\$ 1,995	58%



Net income of Lifeco for 1997 was \$345 million, excluding a special charge of \$95 million, compared to \$289 million for 1996. After deducting preferred share dividends, net income attributable to common shareholders, before the special charge, was up 21% to \$314 million or \$1.94 per share compared with \$259 million or \$1.65 per share for 1996. The return on common shareholders' equity excluding the special charge, was 17.4%, compared to 17.2% a year ago. There was an average of 161.1 million Lifeco common shares outstanding in 1997, compared to 157.5 million during 1996.

Significant items included in net income of Lifeco for 1997 related to the \$2.9 billion acquisition of 100% of the common shares of LIG in the fourth quarter are:

- the operating results of LIG and the amortization of \$1.7 billion of goodwill commencing November 14, 1997 which, together with preferred share dividends and financing costs associated with the transaction, resulted in a net increase to 1997 income attributable to common shareholders of \$0.04 per share.
- a special charge of \$95 million after tax or \$0.58 per share representing the portion attributable to common shareholders

of Lifeco for integration of the operations of LIG and Great-West.

For the fourth quarter of 1997, net income attributable to common shareholders was \$88 million or \$0.50 per share excluding the special charge of \$95 million, compared with \$69 million or \$0.44 per share for 1996.

Net income attributable to common shareholders, including the special charge, was \$219 million or \$1.36 per share for the year and a loss of \$7 million or (\$0.08) per share for the fourth quarter including (\$0.03) per share for the dilution effect of additional shares issued. Net income reflects superior investment performance, favorable mortality, continued emphasis on expense management and increased fee income as a result of growth of segregated fund assets for both Canada and United States operations.

Total premium income, including self-funded premium equivalents (administrative services only or ASO contracts) and segregated fund deposits, was \$12.3 billion for 1997, 28% higher than in 1996. Total premium income includes \$1.4 billion of premium equivalents of LIG for the period from November 14, 1997 to the end of the year.

Total assets under administration increased to \$75.5 billion at

December 31, 1997, up 87% from a year ago. This result includes the assets under administration for LIG of \$28.5 billion at December 31, 1997. The significant increase in segregated fund assets in both Canada and the United States reflects strong sales and significant market appreciation.

Fee income (which represents primarily management fees for segregated funds and administration fees for ASO contracts) of \$705 million was up 24%, compared to 1996. This reflects the growth in segregated fund assets and ASO contracts in the United States.

Payments and provisions for policyholder benefits increased 24%. Commissions and operating expenses increased 24%. Operating expenses were 7% of total premium income for the year, the same as for 1996.

Great-West's second quarter of 1997 included a release of provision for income taxes of \$32 million (\$25 million attributable to common shareholders) due to the resolution of 1990 and 1991 United States tax issues. The first quarter of 1996 included a release of provision for income taxes of \$35 million attributable to common shareholders due to the resolution of United States tax issues related to 1988 and 1989.

## ACQUISITION OF LONDON INSURANCE GROUP (LIG)

During November and December of 1997, Lifeco acquired 100% of the issued and outstanding common shares of LIG through its subsidiary, Great-West, for a purchase price of \$2.9 billion including acquisition costs. Financing of the acquisition was provided through a combination of \$1,829 million cash, \$569 million preferred shares and \$548 million common shares. Proceeds from an additional \$400 million of

Lifeco common shares issued by private placement to Power Financial Corporation (\$133 million) and Investors Group Inc. (\$267 million) were applied to the acquisition.

Goodwill of \$1.7 billion recorded in connection with the purchase, has been allocated to the Shareholders account and is being amortized over a period not exceeding 30 years.

The Par accounts of both Great-West and its subsidiary London Life will benefit from lower ongoing costs as a result of the acquisition. The Boards of Directors of both companies have approved a contribution of up to \$250 million (the estimated present value of the cost savings net of the Par accounts' integration costs) towards the acquisition financing. The Appointed Actuaries of both companies



and two actuarial consulting firms have provided opinions that the transaction treats participating policyholders fairly. Since the initial amount will be adjusted by the end of 2002 to reflect the actual net cost savings realized as a result of the acquisition, the dividend expectations of participating policyholders are unaltered. Over

the longer term, the par accounts of both companies are expected to benefit directly and indirectly from the acquisition.

Estimated integration costs of \$250 million, \$142 million after tax, have been charged to 1997 earnings of the Corporation. These costs were allocated between the Participating and Shareholders

accounts (\$47 million Participating, \$95 million Shareholders), in relation to the anticipated expense synergies resulting from this business combination.

The impact of the acquisition of LIG on the year-end 1997 consolidated balance sheet of the Corporation is outlined below:

## CONDENSED BALANCE SHEET

December 31, 1997 (in \$ millions)

	Lifeco excluding LIG Acquisition	LIG	Consolidation Adjustments	Consolidated
<b>Assets</b>				
Bonds	\$ 17,716	\$ 10,141	\$ 449	\$ 28,306
Mortgage loans	3,517	7,229	156	10,902
Stocks	3,315	366	(2,891)	790
Real estate	500	962	(22)	1,440
Loans to policyholders	4,197	956	—	5,153
Cash and certificates of deposit	352	548	—	900
Funds withheld by ceding insurers	—	939	—	939
Goodwill	—	22	1,699	1,721
Other assets	1,121	1,449	(637)	1,933
<b>Total assets</b>	<b>\$ 30,718</b>	<b>\$ 22,612</b>	<b>\$ (1,246)</b>	<b>\$ 52,084</b>
<b>Liabilities, Capital Stock and Surplus</b>				
Policy liabilities	\$ 23,518	\$ 17,956	\$ 617	\$ 42,091
Current income taxes	94	155	—	249
Repurchase agreements	708	—	—	708
Commercial paper and other loans	118	723	(30)	811
Other liabilities	2,180	1,480	(608)	3,052
Minority and other interests	938	823	250	2,011
Capital stock and surplus	3,162	1,475	(1,475)	3,162
<b>Total liabilities, capital stock and surplus</b>	<b>\$ 30,718</b>	<b>\$ 22,612</b>	<b>\$ (1,246)</b>	<b>\$ 52,084</b>

LIG, through its subsidiary companies, provides insurance and insurance-related services in selected domestic and international markets. The life insurance services provided through London Life Insurance Company (London Life) remain the core business of LIG. In addition, LIG has expanded its insurance operations outside of Canada. London Life, a federally incorporated life insurance

company governed by the Insurance Companies Act (ICA), is licensed to do business in all provinces and territories of Canada, as well as Bermuda and in the states of Michigan and Minnesota. Through its reinsurance subsidiaries, it holds licenses or authorizations to conduct reinsurance business in 45 U.S. states and from offices in Bridgetown, Barbados; Dublin, Ireland; and Blue Bell,

Pennsylvania. It also holds a license in Taiwan through its joint venture, Shin Fu Life Insurance Company (Shin Fu). Specialty general insurance operations are conducted through London Guarantee Insurance Company (London Guarantee), a fidelity and surety business.

The acquisition also included London Life's 200 offices and career agency force of 2,900 across



## TOTAL ASSETS UNDER ADMINISTRATION

December 31, 1997 (in \$ millions)

	Lifeco excluding LIG Acquisition	LIG	Consolidation Adjustments	Consolidated
General funds	\$ 30,718	\$ 22,612	\$ (1,246)	\$ 52,084
Segregated funds	17,562	4,600		22,162
MAXXUM mutual funds	—	695		695
Mortgages administered for third parties	—	591		591
Total assets under administration	\$ 48,280	\$ 28,498	\$ (1,246)	\$ 75,532

Canada, as well its widely-recognized Freedom 55 brand.

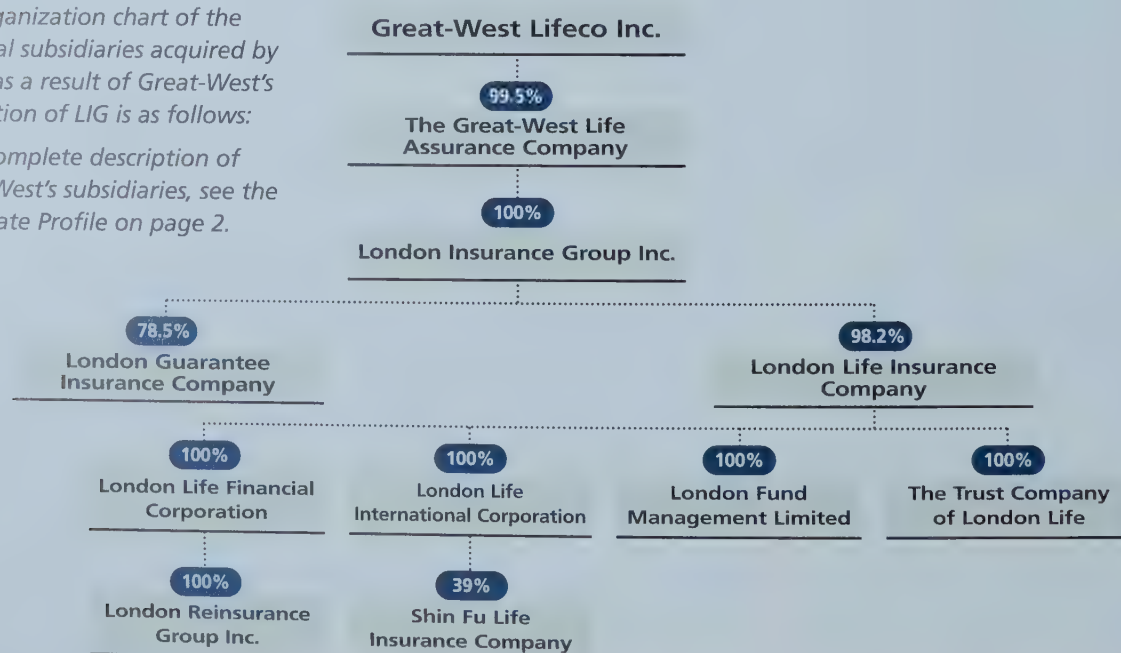
The acquisition of LIG creates the largest provider of individual and group life and health insurance plans in the Canadian market. The new organization is well positioned for growth in all market sectors. It has the largest market share in Individual life insurance (22% of the market and 2 million customers), in Group life and health insurance (18% of the market and 6.8 million Canadians covered), and in the Segregated fund market (23% of the market).

While size is not an objective in itself, it offers significant advantages in today's financial services marketplace, which is in a period of industry consolidation, driven primarily by technological developments and the expanding needs of consumers. Current and future customers and shareholders will benefit from product and service enhancements, expanded distribution capacity, and an increased capacity for innovation and responsiveness to the marketplace. It will also allow productivity and revenue gains for each company, through the elimination of redundancies, improvements to systems and work processes, and the restructuring of operating units.

The Corporation is committed to maintaining distinct identities for Great-West and London Life. The two companies will be realigned to build on existing strengths of each organization. The Individual insurance sales forces will remain separate and competitive. This will strengthen each company's ability to distribute existing and new financial products at lower costs and with enhanced sales and service support to compete with banks and direct distribution channels. Where appropriate, London Life's career agency sales force will distribute Great-West branded products, such as disability insurance and group insurance

The organization chart of the principal subsidiaries acquired by Lifeco as a result of Great-West's acquisition of LIG is as follows:

For a complete description of Great-West's subsidiaries, see the Corporate Profile on page 2.





products; Great-West will distribute London Life branded large group retirement products. The companies will each retain certain proprietary brands. A single Individual Insurance and Investment Products

division will provide product development, administration and marketing support for both Great-West and London Life branded products.

The Group insurance organizations of London Life and Great-

West will be combined into a single sales and service organization, providing products and services under the Great-West brand.

## FINANCIAL POSITION

Total assets under administration grew to \$75.5 billion at year-end 1997, an increase of \$35.2 billion from 1996. Assets under administration include segregated funds of \$22.2 billion at December 31, 1997, compared to \$12.3 billion at the end of 1996.

Obligations to policyholders made up 89.7% of total liabilities at the end of 1997 (91.4% at year-end 1996). The valuation of policy liabilities is certified by the Appointed Actuary of Great-West as being in accordance with accepted actuarial practice.

United States assets and liabilities are translated into Canadian dollars at the December 31 market rate of \$1.43 for 1997 and \$1.37 for 1996. The change in translation rate in 1997 of \$0.06 had the effect of increasing 1997 assets by \$867 million, liabilities by \$792 million, and common shareholders' equity by \$52 million.

Total capital and surplus, including minority and other interests, of

\$5.2 billion at December 31, 1997 was 11.0% of total liabilities, compared with \$2.6 billion or 10.5% in 1996. It is the Corporation's intention to maintain surplus ratios in its operating subsidiaries at levels sufficient to provide assurance of policyholder security and to maintain its superior credit ratings.

As a federally-incorporated life insurance company in Canada, Great-West is required to maintain capital and surplus at levels specified by The Office of The Superintendent of Financial Institutions Canada (OSFI) under its Minimum Continuing Capital and Surplus Requirements (MCCSR) for Life Insurance Companies. Great-West had a MCCSR ratio of 185% at the end of 1997 (214% at the end of 1996 using the 1997 calculation basis). The reduction in the ratio reflects the LIG acquisition.

Common shareholders' equity increased to \$2.6 billion at December 31, 1997 from \$1.6 billion at year-end 1996. During

1997, the quarterly dividend rate paid on common shares was increased from \$0.17 per share to \$0.19 per share for the June, September and December dividend, for a total dividend of \$0.74 for the year. This represents a dividend payout ratio of 38.1% of 1997 earnings (35.8% for 1996), and a 1997 dividend yield (dividends as a percent of average high and low market price) of 2.5% (3.2% in 1996). Book value per common share was \$14.16 at December 31, 1997, compared with \$10.13 at December 31, 1996.

In the fourth quarter of 1997, 12,158,055 common shares were issued by private placements for net proceeds of \$400 million. On acquisition of LIG, 17,129,102 common shares were also issued for a value of \$548 million. Also, during the year Lifeco purchased 101,900 common shares for cancellation, pursuant to its November 1996 and November 1997 normal course issuer bids. The total amount

## SUMMARY: COMMON SHAREHOLDERS' INVESTMENT DATA

For the years ended December 31

	1997	1996	1995	1994	1993
<b>Market Price per Common Share</b>					
High	\$ 39.00	\$ 22.88	\$ 14.38	\$ 12.75	\$ 11.63
Low	19.95	14.38	10.82	9.63	7.00
Close	38.50	21.25	14.38	11.07	11.50
<b>Common Dividends</b>					
Dividends paid	\$ 0.74	\$ 0.59	\$ 0.48	\$ 0.40	\$ 0.29
Dividend payout ratio (before integration charge)	38.1%	35.8%	34.8%	33.7%	30.1%
Dividend yield	2.5%	3.2%	3.8%	3.6%	3.1%



purchased in 1997 was \$2.7 million or \$26.40 per share. This cost has been charged to capital and surplus. The number of common

shares outstanding at December 31, 1997 was 186,644,847. At December 31, 1997, an approved normal course issuer bid is outstanding to

permit the additional purchase of up to, but not more than, 600,000 shares by November 30, 1998.

## RATINGS OF GREAT-WEST

Rating Agency	Measurement	Rating
A.M. Best Company	Financial Condition and Operating Performance	A++*
Canadian Bond Rating Service	Investment Strength	A++*
Dominion Bond Rating Service	Claims Paying Rating	IC-1*
Duff & Phelps Corporation <sup>(1)</sup>	Claims Paying Ability	AAA*
Moody's Investors Service	Insurance Financial Strength	Aa2
Standard & Poor's Corporation	Claims Paying Ability	AA+

<sup>(1)</sup> under credit watch

## RATINGS OF LONDON LIFE

Rating Agency	Measurement	Rating
A.M. Best Company	Financial Condition and Operating Performance	A++*
Canadian Bond Rating Service	Investment Strength	A++*
Dominion Bond Rating Service	Claims Paying Rating	IC-1*
Duff & Phelps Corporation	Claims Paying Ability	—
Moody's Investors Service	Insurance Financial Strength	Aa2
Standard & Poor's Corporation	Claims Paying Ability	AA+

<sup>(1)</sup> highest rating available

## ASSET QUALITY

At December 31, 1997, exposure to mortgage loans and real estate was 1.3% of invested assets compared with 17% at the end of 1996. The 1997 exposure includes \$4.9 billion of residential mortgage loans held by LIG.

The Corporation's exposure to non-investment grade bonds was 1.3% of the portfolio at the end of 1997, unchanged from December 31, 1996.

Non-performing investments, including bonds in default, mort-

gages in the process of foreclosure or in arrears 90 days or more, and real estate acquired by foreclosure, totalled \$153 million or 0.3% of invested assets at December 31, 1997, compared with \$220 million and 0.8% a year earlier. The

## ASSET DISTRIBUTION

December 31 (in \$ millions)

	1997					1996	
	Lifeco excluding LIG Acquisition	LIG	Consolidation Adjustments	Total		Total	
Government bonds	\$ 4,927	\$ 4,869	\$ 216	\$ 10,012	21%	\$ 5,068	19%
Other bonds	12,789	5,272	233	18,294	38	12,573	47
Mortgages	3,517	7,229	156	10,902	23	3,972	15
Stocks	394	366	30	790	2	693	2
Real estate	500	962	(22)	1,440	3	636	2
Sub-total portfolio investments	22,127	18,698	613	41,438		22,942	
Cash & certificates of deposit	352	548	—	900	2	239	1
Policy loans	4,197	956	—	5,153	11	3,856	14
Total invested assets	\$ 26,676	\$ 20,202	\$ 613	\$ 47,491	100%	\$ 27,037	100%



Corporation's allowance for credit losses at December 31, 1997 was \$175 million or 114% of non-performing loans, compared with \$166 million or 75% of non-performing loans at year-end 1996. Normal provisions for credit losses charged to operations were \$26 million in 1997, down from the 1996 level of \$35 million.

### Derivative Instruments

Derivative instruments or products are used by the Corporation for the following purposes:

- *Asset/liability management*

The use of forwards, futures, swaps and options as a supplement to portfolio investments allows the Corporation to modify a particular asset position or a

portfolio profile to more closely match actual or committed liability characteristics, such as cash flow, term or currency.

- *Investment in United States operations*

The use of foreign exchange forwards and swaps allows the Corporation to hedge or manage a portion of its exposure to foreign exchange volatility with respect to its investment in the United States and the translation of its United States operating results into Canadian currency.

The Corporation's risk management process governing the use of derivative instruments, includes:

- The Corporation acts only as an end-user of derivative products,

not as a counterparty or market maker.

- The Corporation has strict operating policies which
  - prohibit the use of derivative products for speculative purposes,
  - permit transactions only with approved counterparties,
  - specify limits on concentration of risk,
  - document approval and issuer limits, and
  - document the required reporting and monitoring systems.

The Corporation's outstanding derivative products at December 31 and the related exposures are described in note 14 of the Lifeco financial statements.

## ACTUARIAL LIABILITIES AND PROVISION FOR CLAIMS (POLICY LIABILITIES)

Actuarial liabilities represent the amounts which, together with estimated future premiums and investment income, will be sufficient to pay estimated future benefits, dividends, and expenses on policies in force. Actuarial liabilities are determined using generally accepted actuarial practices, according to standards

established by the Canadian Institute of Actuaries.

Asset and liability cash flows are carefully matched to minimize the financial effects of a shift in interest rates. This practice has been in effect for several years and has shielded the Corporation's financial position from significant

interest rate swings which have occurred.

Reference is made to note 6 of the Lifeco financial statements, Actuarial Liabilities, which presents the composition, nature, changes, assumptions and risk management issues associated with this significant balance sheet item.

## YEAR 2000

Information technology is widely used by the Corporation in conducting its own business operations and interfacing with customers, suppliers and counterparties. The systems and processes that could potentially be unable to function with the year 2000 date require modification or replacement.

The Corporation has programs in place which include

identification of non-compliant business processes, development of remedial solutions and the implementation of those solutions. Certain processes already have been modified or replaced and others are in progress. The remaining work is expected to be complete in 1998, with compliance testing and certification in early 1999.

The Corporation also has programs to review the compliance status of related third-party systems and processes.

Costs are being charged to operations as incurred and are not expected to have a material effect on the Corporation's consolidated results of operations and financial position.



The discussion of operating results is followed by a report on operations of the Canadian segment of Great-West Lifeco Inc., presented in terms of the traditional major Canadian business segments of The Great-West Life Assurance Company (Great-West, the Company) and a new segment associated with the London Insurance Group:

- **Group Insurance** – life, health and disability insurance products for group clients.
- **Individual Insurance** – life and disability insurance products for individual clients.
- **Retirement & Investment Services** – accumulation and payout annuity products for both group and individual clients.
- **Investment** – management of assets – general funds, segregated funds and other managed funds.
- **Reinsurance and Specialty General Insurance** – life, property and casualty, accident and health, annuity coinsurance and specialty general insurance in specific niche business markets.

## CANADIAN OPERATING RESULTS

Reference is made to note 16 of the Lifeco financial statements, Segmented Information, for the presentation of Canadian operations and identifiable assets.

The Canadian segment of Great-West acquired LIG effective November 13, 1997. The Company's consolidated operations include the

48-day period, November 14 to December 31, of LIG's 1997 operating results. LIG publishes an annual report giving a detailed discussion and analysis of its activities for the full year. Copies of the annual report are available from the Secretary of LIG or from the Secretary of Lifeco.

To facilitate year over year comparisons, the discussion of 1997 Canadian operating results refers to the results of Lifeco, excluding the 48 days of LIG's results. Where relevant, the additional information is provided in supplementary form.

### Great-West Lifeco Inc.

#### ELECTED CONSOLIDATED FINANCIAL INFORMATION – CANADIAN SEGMENT

(in \$ millions)

	1997			1996	
	Lifeco excluding LIG Acquisition	LIG	Consolidation Adjustments	Total Canadian Operations	Total Canadian Operations
<b>For the Year</b>					
Premiums for life insurance, guaranteed annuities, insured health products, and reinsurance and property and casualty	\$ 1,338	\$ 1,230	–	\$ 2,568	\$ 1,314
Self-funded premium equivalents (ASO contracts)	647	39	–	686	611
Segregated fund deposits	1,070	149	–	1,219	868
<b>Total premium income</b>	<b>\$ 3,055</b>	<b>\$ 1,418</b>	<b>–</b>	<b>\$ 4,473</b>	<b>\$ 2,793</b>
Fee and other income	\$ 104	\$ 20	–	\$ 124	\$ 80
Operating expenses	219	70	8	297	208
<b>Net income before provision for integration costs</b>					
Total	\$ 129	\$ 14	\$ (8)	\$ 135	\$ 108
Common shareholders	108	14	(8)	114	87
<b>Net income</b>					
Total	76	(28)	(8)	40	108
Common shareholders	55	(28)	(8)	19	87
<b>At December 31</b>					
General fund assets	\$ 10,055	\$ 22,612	\$ (1,246)	\$ 31,421	\$ 8,172
Segregated fund assets	6,363	4,600	–	10,963	4,899
Other assets under administration	–	1,286	–	1,286	–
<b>Total assets under administration</b>	<b>\$ 16,418</b>	<b>\$ 28,498</b>	<b>\$ (1,246)</b>	<b>\$ 43,670</b>	<b>\$ 13,071</b>



Net income from Canadian operations of Lifeco, excluding LIG, for 1997 before the special charge for integration was \$129 million, compared to \$108 million for 1996. Net income attributable to common shareholders was \$108 million, up from \$87 million for 1996.

The 19% increase in net income was due to a combination of

expense management, strong investment results and increased segregated fund fee income, together with favorable mortality, offset by some deterioration in group morbidity.

Total assets under administration in Canada reflect a 30% growth in segregated fund assets in 1997, due to strong sales as well as market appreciation for both fixed

income and equity investments.

Total premium income increased 9% for 1997 due primarily to increased segregated fund deposits. Premium income for risk products was up 2%, reflecting an increase in Group premiums offset partially by a decrease in guaranteed annuity premiums.

## OPERATING EXPENSES

(excluding LIG)

For the years ended December 31 (in \$ millions)

	1997	1996	1995	1994	1993
<b>Total Operating Expenses</b>					
Human Resources	\$ 119	\$ 112	\$ 111	\$ 108	\$ 114
Employee Benefits	16	15	17	16	18
Rent	6	6	7	9	10
Other	78	75	61	55	51
<b>Total</b>	<b>\$ 219</b>	<b>\$ 208</b>	<b>\$ 196</b>	<b>\$ 188</b>	<b>\$ 193</b>
Year over year growth	5.3%	6.1%	4.0%	(2.2%)	—

## GROUP OPERATIONS – GREAT-WEST

The Group division provides a wide range of group insurance products to more than 11,000 employers across Canada. Great-West has significant presence in all market segments – by region, case size and product. The Company covers more than 5.3 million Canadians through its group products – life and accidental death and dismemberment insurance, short

and long-term disability insurance, health and drug coverages not provided by Medicare, dental care, vision care and employee assistance plans.

The goal of the Group division is to enhance its position as the pre-eminent multi-line Group insurer in Canada through strong customer focus, continued innovations in products and services, and the

development of unique solutions to meet emerging client needs.

During 1997, the Group division experienced:

- continued strong growth in the small/mid-sized markets in terms of both sales and revenue premium,
- improved market share as measured by group revenue premium,
- improved mortality results across all markets, and
- deterioration in morbidity results, in the mid-sized and large case markets. The volatile long-term disability business experienced a significant deterioration in 1997.

THE ACQUISITION OF LIG'S GROUP INSURANCE BUSINESS HAS ADDED A FURTHER 11,000 EMPLOYERS ACROSS CANADA, GIVING THE COMBINED GROUP ORGANIZATION SIGNIFICANT MARKET SHARE IN ALL MARKET SEGMENTS. GREAT-WEST'S EXPANDED GROUP DISTRIBUTION CAPACITY, INCREASED PREMIUM BASE ACROSS WHICH TO SPREAD EXPENSES, EXPANDED DATA BASE FOR CLIENT PLAN ANALYSIS AND THE OPPORTUNITY TO SELECT THE BEST PROCESSES, SYSTEMS AND PEOPLE FROM BOTH COMPANIES WILL ENABLE GREAT-WEST TO MEET THE EMERGING CLIENT NEEDS IN THE CANADIAN GROUP MARKETPLACE.



**OPERATIONS SUMMARY** (Group life, health and disability products in total)  
(excluding LIG)  
(in \$ millions)

	1997	1996	% Change
<b>Sales (new annualized premium)</b>			
Small/mid-sized	\$ 91	\$ 71	28%
Large	54	91	(41%)
<b>Total</b>	<b>\$ 145</b>	<b>\$ 162</b>	<b>(10%)</b>
<b>Revenue Premium Income</b>			
Small/mid-sized	\$ 420	\$ 373	13%
Large	1,180	1,128	5%
<b>Total</b>	<b>\$ 1,600</b>	<b>\$ 1,501</b>	<b>7%</b>

Group sales totalled \$145 million, down 10% from 1996. However, sales in the small to mid-sized markets continued to grow significantly, reflecting the Company's distribution and product strengths in these expanding markets. Large case sales returned to historical levels, reflecting the reduced sales opportunities in this market as compared to 1996.

Revenue premium, at \$1.6 billion, was up 7% in total. Importantly, revenue premium growth in the target small and mid-sized markets was up nearly 13%, resulting in a strengthened market share position. A further contributor to this improving market share position was persistency of business. Persistency, reflecting the clients' satisfaction with Great-West's group products and services, continued at very high levels.

The Group division's expense ratio (expenses over revenue premium) showed a small deterioration on a year over year basis. Expenses naturally increase with a shift in business mix toward more expense intensive, smaller-sized cases and the growth in directly recoverable claims service expenses. When adjusted for these changes, Great-West's industry leading group expense ratio improved when compared to 1996.

Group mortality results were favorable in 1997 across all sizes of markets. These very strong results were offset by a deterioration in group morbidity. Poor results in the volatile disability market and a significant deterioration in health results, due to aggressive pricing in the marketplace, were the main reasons for the deterioration in group morbidity.

In health and dental claims services, Great-West maintained superior claims turnaround times and quality control standards. During 1997, the centralized claims offices handled 6.8 million claims. On-line claims adjudication with selected dental offices grew a further 28% and now accounts for 30% of all dental claims received. This growth in electronic claims adjudication provides a significant opportunity to lower expenses while improving customer service.

In 1997, Canadian employers and plan sponsors continued to pursue employee benefit cost

control initiatives, showing increased interest in managed care products, plan design improvements and more economic approaches to plan administration. In response, Great-West introduced:

- **Benefit Administration Outsourcing:** A capacity to assume responsibility for the client benefit administration function in a cost-efficient manner.
- **Expanded GroupNet services** (Internet-based administration services): These services now include a new direct enrollment capacity and new claims and benefit plan analysis.
- **Expanded disability management** through Great-West's Coordinated Disability Care Product (CDC): New services were introduced through the Great-West employee assistance plan – CONTACT. This product now includes wellness seminars and has expanded its current counselling services to include

THE ACQUISITION OF LIG'S GROUP INSURANCE BUSINESS WILL SUBSTANTIALLY ENHANCE THE COMPANY'S SALES AND REVENUE PREMIUM INCOME RESULTS. IN 1997, LIG REPORTED REVENUE PREMIUM AT \$1.09 BILLION — WHICH, WHEN COMBINED WITH GREAT-WEST, PRODUCES A TOTAL REVENUE PREMIUM APPROACHING \$2.7 BILLION — NEARLY TWICE THE LEVEL OF THE NEAREST COMPETITOR.



financial, legal, childcare and eldercare services. As well, Great-West's decentralized disability claims adjudication offices were restructured to more effectively service clients who have selected Great-West's CDC product.

Great-West anticipates further growth in the group market, particularly in the small and mid-sized employer ranges, where significant employment growth is expected to continue. Employers will continue to implement new benefit plan designs and seek out

new benefit plan services aimed at containing overall benefit plan costs. This marketplace activity offers opportunities for companies with efficient, low-cost operations and modern systems with on-line electronic capacity. Among Great-West's current initiatives are continued expansion of on-line services through GroupNet, introduction of improved client software for client site administration and further new service offerings through the CDC product. As well, an automated new business implementation

process, scheduled for delivery in 1998, will substantially enhance new customer services.

To compete effectively in 1998 and beyond, a company must offer affordable, innovative products which respond to changing client needs. Great-West's excellence in these areas, combined with its significant market position and expanded distribution capacity, solidifies the Company's position as an innovative market leader in the Canadian group insurance marketplace.

A MAJOR FOCUS IN 1998 WILL BE COMBINING THE GROUP INSURANCE BUSINESS OF BOTH GREAT-WEST AND LONDON LIFE INTO A SINGLE OPERATIONAL UNIT. DURING THE INTEGRATION PHASE, THE MAJOR CHALLENGE AND MANAGEMENT FOCUS WILL BE TO MAINTAIN CUSTOMER SERVICE. IN THIS REGARD, ORGANIZATIONAL CHANGES HAVE OCCURRED AND SPECIFIC CUSTOMER FOCUSED INITIATIVES ARE UNDER WAY TO ENSURE THAT SUPERIOR SERVICE STANDARDS ARE ATTAINED. ONCE INTEGRATION HAS BEEN COMPLETED, THE COMBINED ORGANIZATION WILL HAVE SIGNIFICANT STRATEGIC OPPORTUNITY TO ENHANCE THE VALUE OF ITS PRODUCTS AND SERVICES TO BOTH EXISTING AND NEW CLIENTS.

## INDIVIDUAL OPERATIONS – GREAT-WEST

The Individual Operations division provides life and disability insurance products and services designed to meet the evolving needs of today's consumer.

Great-West's individual business is built on three pillars: a broad portfolio of insurance products that provide high consumer value, support for agents in the form of state-of-the-art technology and education, and agent compensation that recognizes ongoing service to clients. During 1997, the Great-West agency force grew by 2% from 741 agents to 756 agents, with a four-year agent retention rate higher than industry average. (The London Life agency force ended 1997 with 2,920 agents, giving a combined total for London Life and Great-West of nearly 3,700 representatives.) The value of the

advice and service provided by our personal agents is an important competitive strength for the Company and contributes to a favorable client retention rate.

The division's financial objectives are to achieve steady growth in the individual life insurance business, improvements in unit cost, and overall mortality and morbidity results that are within the levels anticipated in product pricing.

During 1997, the Individual Operations division performed well against its financial objectives as follows:

- growth in life insurance and disability new annualized premium,
- growth in life insurance and disability revenue premium,
- improved unit costs, and

- mortality and morbidity results at or below pricing levels.

Productivity improvement and expense management have been a main focus in recent years for both the life and disability insurance operations. Overall unit costs for the division declined by 5% from 1996 levels.

### Life Insurance

Great-West offers participating whole life (par), universal life and term insurance products (non-par) for Canadian consumers. Overall, individual life insurance revenue premiums were \$254 million for 1997, a 4% increase over 1996. Mortality results were favorable and customer retention was at expected levels for all three product categories.

Total life insurance sales for



While Great-West's share of the individual life insurance market has historically been small, through the acquisition of London Life this important line of business becomes part of an organization that leads the Canadian marketplace. The associated economies of scale will benefit Great-West's product lines and service capabilities. In terms of individual life insurance policies in force, London Life has over 2.6 million and Great-West more than 300,000 for a consolidated total in excess of 2.9 million policies. Great-West also has over 105,000 disability insurance policies in force, helping Canadians provide for their financial security. The Great-West individual life insurance operation will be merged with the London Life operation in 1998. The combined operation will administer the individual life business in both territories.

1997 increased by 4% in terms of new annualized premium, compared to an industry with flat sales. Par sales were at the same level as 1996 and non-par sales increased by 8%. Under a 1995 agreement with I. G. Insurance Services, Inc. (a subsidiary of Investors Group Inc.), Great-West is a preferred provider to Investors Group representatives for individual term and participating life insurance, and the exclusive provider of individual disability insurance products. Investors representatives accounted for 29% of Great-West's life insurance sales premium in 1997.

In 1997, Great-West added a new universal life product, *DiscoverLife*, which offers a competitive array of features and investment options. In addition, Great-West reduced its term rates for new business to reflect

improving mortality results.

As well as receiving the benefits associated with insurance coverage, Great-West's 149,000 participating policyholders share in the performance of the Participating Account. The par policyholder dividend scale did not change in 1997, as improved mortality results offset a small decline in the portfolio investment yield. Dividends to participating policyholders were \$70 million for 1997, compared to \$67 million for 1996. The Company's sound investment, underwriting and expense management have enabled it to deliver long-term dividend performance that is consistently among the best in the industry. The Company's emphasis on par products will continue in 1998, along with new software applications and marketing concepts to help sales represen-

tatives identify and provide for the financial security needs of their clients.

This line of business continues to be important since it is a key element in the broad portfolio of products offered by the Company.

#### Disability Insurance

Individual disability insurance (DI) revenue premiums were \$87 million for 1997, a 5% increase over 1996. Morbidity results were at levels assumed in product pricing and client retention continued at favorable levels.

Sales of non-cancellable DI decreased by 7% during 1997 in terms of new annualized premium, in a market that declined by almost 6%. However, strong sales from *Competitor*, a cancellable product, resulted in an overall 8% increase in new annualized premium.

#### OPERATIONS SUMMARY

(excluding LIG)

(in \$ millions)

	1997	1996	% Change
<b>Individual Life Insurance</b>			
Sales (new annualized premium)	\$ 21	\$ 20	4%
Revenue premium income	254	243	4%
<b>Individual Disability Insurance</b>			
Sales (new annualized premium)	\$ 15	\$ 14	8%
Revenue premium income	87	82	5%
Number of agents	756	741	2%



The *Competitor* product is particularly suited to the growing part-time, seasonal, home-based and new business owner markets, which have not been well served by the traditional non-cancellable products. It is a simpler, more affordable product that offers fewer guarantees than the traditional non-cancellable disability products. *Competitor* sales were over \$2 million in 1997.

Great-West maintained its overall number two individual market share position in the non-cancellable DI market. This market share results from Great-West's

broad distribution network, which the Company will continue to develop in 1998. In addition to its own agency force, Great-West has 10 intercorporate arrangements allowing agents of other insurance companies to sell Great-West's disability insurance products. These

intercorporate arrangements made up 21% of disability sales in 1997. Brokers, another important source of disability business, accounted for 32% of disability sales for the year. Investors Group sales comprised 10% of total DI sales.

IN 1997, LONDON LIFE JOINED THE INTERCORPORATE PARTNERS SELLING GREAT-WEST INDIVIDUAL DISABILITY INSURANCE PRODUCTS. THIS PRESENTS A SIGNIFICANT GROWTH OPPORTUNITY FOR THE INDIVIDUAL DISABILITY LINE OF BUSINESS WITH THE POTENTIAL OF TAKING OVER THE LEADING MARKET SHARE POSITION IN THIS LINE OF BUSINESS IN CANADA.

## RETIREMENT & INVESTMENT SERVICES – GREAT-WEST

The Retirement & Investment Services (R&IS) division provides long-term savings and investment products for individuals and employer groups. The division focuses its sales and reinvestment activities on segregated funds, which offer the potential for superior investment returns for the customers and satisfactory profit margins for Great-West. The goal of the division is to be the pre-eminent segregated fund provider in Canada.

GWL Investment Management Ltd. (GWLIM), a wholly-owned subsidiary of Great-West, is responsible for client service and market-

ing to large pension funds. In addition, GWLIM manages Great-West's pooled and separately managed investment funds.

During 1997, the Great-West R&IS division experienced:

- growth in individual savings plan segregated fund assets well in excess of the 34% growth rate of the Canadian mutual fund industry,
- growth in combined individual and group savings plan segregated fund assets of 44%,
- significant growth in individual savings plan revenue premium,
- significant growth in deposits to

the back-end load segregated fund options within individual savings plans, and

- a continued shift from guaranteed interest options to segregated funds for new and renewing investors.

The 1997 RRSP season was very strong for the investment fund industry and for Great-West, as a result of increased contributions, low interest rates, and strong investment markets. The Company developed a marketing process using the *Discovery* Asset Allocation software (introduced in January 1996) which led to a 42% increase in individual savings plan revenue premium income in the first quarter of 1997. Revenue premium income for the full year was \$671 million, a 28% increase over the 1996 result of \$523 million.

Individual savings plan assets grew 23%, to \$3.2 billion. Within this result, segregated fund assets grew 51%, to \$2.4 billion, while guaranteed assets declined 23%. As a consequence, at year end, segregated funds represented 75% of total assets, a significant increase from 61% in 1996.

AS A RESULT OF THE ACQUISITION OF LONDON LIFE, GREAT-WEST'S R&IS OPERATIONS WILL BE MERGED WITH THE LONDON LIFE OPERATIONS IN 1998. THE COMBINED ORGANIZATION WILL ADMINISTER THE BUSINESS OF BOTH COMPANIES, INCLUDING DEVELOPING AND SUPPORTING SEPARATELY-BRANDED INDIVIDUAL AND SMALL GROUP RETIREMENT PRODUCTS FOR THE GREAT-WEST AND LONDON LIFE INDIVIDUAL SALES FORCES. THIS, TOGETHER WITH THE DOMINANT SEGREGATED FUND MARKET SHARE OF THE COMBINED ORGANIZATION, OFFERS SIGNIFICANT ECONOMIES OF SCALE.



## OPERATIONS SUMMARY BY BUSINESS LINE

(excluding LIG)

(in \$ millions)

	1997	1996	% Change
<b>Individual Savings Plan</b>			
Sales premium	\$ 921	\$ 771	19%
Revenue premium income	671	523	28%
Assets under administration			
Guaranteed	791	1,021	(23%)
Segregated funds	2,414	1,595	51%
Total	\$ 3,205	\$ 2,616	23%
<b>Group Savings Plan</b>			
Sales premium	\$ 484	\$ 489	(1%)
Revenue premium income	237	217	9%
Assets under administration			
Guaranteed	545	673	(19%)
Segregated funds	1,102	845	30%
Total	\$ 1,647	\$ 1,518	8%
<b>Group Investment Management</b>			
Sales premium	\$ 206	\$ 229	(10%)
Revenue premium income	188	193	(2%)
Assets under administration			
Guaranteed	94	133	(30%)
Segregated funds	2,817	2,444	15%
Total	\$ 2,911	\$ 2,577	13%
<b>Payout Annuities</b>			
Sales premium	\$ 37	\$ 52	(29%)
Revenue premium income	18	34	(47%)
Guaranteed assets	1,796	1,867	(4%)
<b>Total R&amp;IS</b>			
Sales premium	\$ 1,648	\$ 1,541	7%
Revenue premium income	1,114	967	15%
Assets under administration			
Guaranteed	3,226	3,694	(13%)
Segregated funds	6,333	4,884	30%
Total	\$ 9,559	\$ 8,578	11%

Group savings plan revenue premium increased 9% in 1997, to \$237 million. Total assets grew 8%, to \$1.6 billion, including segregated fund asset growth of 30% and a decline of 19% in guaranteed fund assets. Segregated funds now account for 67% of group savings plan assets, up from 56% in 1996.

Control of operating expenses continues to be important to the division's overall competitiveness

and profitability. During 1997, operating unit costs for individual savings plans declined 3%, while group unit costs declined 6% as a result of modest asset growth and reduced expenses.

GWLIM attracted an additional \$188 million in revenue premium to group investment management plans in 1997, down 2% from 1996. Total assets increased by 13% to \$2.9 billion, largely as a result of

segregated fund market appreciation.

To maintain its longer term growth and profitability objectives, the R&IS division must continue to increase segregated fund assets. To this end, several product and service enhancements were introduced in 1997:

- Management fees were reduced slightly on several funds as of July 1, 1997 to remain competi-



tive with the mutual fund industry.

- Eight new funds were added in November to enhance the fund family and provide more reasons for clients and agents to deal entirely with Great-West.
- Enhancements to the *Discovery* Asset Allocation software were made in November to offer more fund combinations and incorporate several new funds.
- New regulatory rules now permit Great-West to sell the Real Estate fund to individuals in Ontario.

Great-West now offers 42 segregated funds, including funds managed by GWLIM, Putnam Advisory Company Inc., Mackenzie Financial Corporation, AGF Management Limited, Sceptre

Investment Counsel Limited and Beutel, Goodman & Company Ltd.

During 1997, net deposits to externally-managed segregated funds within individual and group savings plans totalled \$461 million, compared to \$352 million in 1996. When investment returns are included, assets in these funds grew by \$530 million compared with \$391 million growth in 1996. Net deposits to GWLIM managed funds totalled \$289 million, compared to \$102 million in 1996. When investment growth is included, assets in these internally-managed funds increased by \$546 million or 27% over 1996.

The new externally-managed funds, *Discovery* software and portfolio funds have been well

received by clients and their advisors and contributed to the dramatic growth in segregated funds which the Company has experienced in 1997.

In 1998, Great-West will be providing its agents with more administrative and sales tools such as "client rate of return", account management electronic functions for RRIF/LIF products, and further enhancements to *Discovery*.

This combination of pre-eminent products, sophisticated software and strong asset management is expected to generate the continued segregated fund growth necessary to improve the Company's competitive position and maintain attractive profitability levels.

## INVESTMENT OPERATIONS

The Investment division is responsible for managing the Company's general fund and segregated fund assets. Investments are prudently managed to provide a steady source of income to support the cash flow and liquidity requirements of the Company's insurance and investment products. The Company invests the majority of its general funds in high-quality, medium-term and long-term fixed

income securities, primarily bonds and mortgages, which reflect the nature of the liabilities being matched.

Great-West reviews its investment strategy on an ongoing basis in light of liability requirements, and current economic and market conditions. The Company's investment policy limits concentrations of risk within its investment and lending portfolios. Great-West's invest-

ment portfolio is well diversified by asset class, industry sector, location and by size of borrowers.

### General Funds

During 1997, the overall quality of the Company's investment portfolios improved, with a more buoyant economy, a stronger Canadian stock market, firming real estate markets and the improved financial positions of many

## ASSET DISTRIBUTION

December 31 (in \$ millions)

	1997					1996	
	Lifeco excluding LIG Acquisition	LIG	Consolidation Adjustments	Total		Total	
Government bonds	\$ 1,570	\$ 4,869	\$ 216	\$ 6,655	24%	\$ 1,727	21%
Corporate bonds	2,857	5,272	233	8,362	30	3,203	40
Mortgages	1,634	7,229	156	9,019	32	1,814	23
Stocks	335	366	30	731	3	642	8
Real estate	357	962	(22)	1,297	5	450	6
Subtotal portfolio investments	6,753	18,698	613	26,064		7,836	
Cash & certificates of deposit	33	548	—	581	2	35	—
Policy loans	175	956	—	1,131	4	174	2
Total invested assets	\$ 6,961	\$ 20,202	\$ 613	\$ 27,776	100%	\$ 8,045	100%



THE ACQUISITION OF LIG BRINGS TOGETHER INVESTMENT OPERATIONS WHICH HAVE MANY SIMILARITIES. LIG  
 PROVIDES A LARGE, DIVERSIFIED AND HIGH-QUALITY INVESTMENT PORTFOLIO WHICH PROVIDES A STEADY SOURCE OF  
 INCOME MATCHED TO THE LIABILITY CASH FLOW REQUIREMENTS OF ITS INSURANCE AND INVESTMENT PRODUCTS.

**BOND PORTFOLIO QUALITY** (excludes \$672 million short-term investments, \$335 million in 1996)  
 December 31 (in \$ millions)

	1997					1996	
	Lifeco excluding LIG Acquisition	LIG	Consolidation Adjustments	Total		Total	
Estimated Rating							
AAA	\$ 873	\$ 3,343	\$ 156	\$ 4,372	31%	\$ 904	19%
AA	802	1,898	88	2,788	19	996	22
A	1,977	3,198	149	5,324	37	2,017	44
BBB	545	1,027	48	1,620	11	599	13
BB or lower	71	162	8	241	2	79	2
Total	\$ 4,268	\$ 9,628	\$ 449	\$ 14,345	100%	\$ 4,595	100%

borrowers. The greatest improvement in quality occurred in the mortgage portfolio, where stronger real estate markets and low interest rates led to better operating results in a number of properties.

At the end of 1997, total Canadian invested assets in the general account, excluding LIG, were \$7.0 billion, down \$1.0 billion from the end of 1996 largely reflecting sales of assets to fund the acquisition of LIG and a shift in consumer preference to segregated funds. During 1997, funds available for new investments and mortgages subject to renewal and rate adjustments totalled \$1.1 billion and were invested as follows:

- 53% in government and corporate bonds,
- 31% in commercial and residential mortgages, and
- 16% in Canadian equities, policy loans and short-term investments.

Net investment income excluding LIG was \$652 million in 1997, down \$57 million from 1996. The yield on average invested assets

was 8.5%, down from 9.1% for 1996. The decrease in investment income largely reflected lower interest rates on terms greater than five years. Thirty-year bonds fell 100 basis points to 6.0%. Provincial and corporate spreads tightened steadily during the first half of 1997, although they did widen significantly in the fourth quarter. Interest rates on terms shorter than five years increased 125 basis points over the year to approximately 4.25%, in response to Central Bank tightening in the face of strong economic growth and a weaker dollar. The yield differential at December 31, 1997 between 1 year and 30 years was approximately 100 basis points versus 330 basis points at the start of the year.

As in the previous year, bonds accounted for the largest percentage of new investments in the general account for 1997. The bond portfolio excluding LIG has grown from 53% to 64% of invested assets over the past five years. During 1997, the bond portfolio declined by \$503 million largely as a result of sales associated with the LIG acquisition. Federal, provincial and

other government securities remain unchanged from last year end at 35% of the bond portfolio, while corporate bond investments are 65% of the bond portfolio. Diversification was maintained by investing in a wide range of issues, including foreign issuer bonds which were fully hedged into Canadian dollars. The consolidated bond portfolio totalled \$15 billion, representing 54% of invested assets.

The Company continued to enforce strict industry and issuer diversification policies in the bond portfolio, and to minimize exposure to individual credits. These prudent investment policies, combined with conservative underwriting and lending practices, contributed to the very high credit quality of the portfolio. At year-end 1997, 87% of the consolidated bond portfolio was rated A or higher and over 98% was rated investment grade.

The mortgage portfolio is diversified by location, property type and industrial class, and includes both commercial and



residential mortgages. The quality of the mortgage portfolio, excluding LIG, as determined by the Company's internal rating system, improved during 1997 with 40% rated as A or higher, 51% rated BBB, and 9% rated BB or lower. This compared favorably to the previous year when 38% was rated A or higher, 52% rated BBB and 10% rated BB or lower.

The aggregate amount of non-performing loans, excluding LIG, declined to \$51 million, or 0.8% of portfolio investments at the end of 1997. This compared to \$103 million or 1.3% of portfolio investments a year ago. On a consolidated basis non-performing loans are \$100 million or 0.4% of portfolio investments. Total allowances for credit losses, excluding LIG, were \$32 million at year-end 1997, reduced from \$44 million at year-end 1996, and represented 0.5% of portfolio investments, down from 0.6% at the previous year end. On a consolidated basis, the total allowance for credit losses was \$43 million or 0.2% of portfolio investments at December 31, 1997.

Part of the Company's stock portfolio was sold in 1997, reducing the total, excluding LIG, to \$335 million or 5% of invested assets, down from \$642 million and 8% the previous year. The sales were made in the late August and early September period for the LIG acquisition and locked in market gains. Based on market value, 33% of the stock portfolio remains invested in publicly-traded companies at year-end 1997, down from 75% in the previous year, with the balance invested in a number of private issues. On a consolidated basis, 64% of the portfolio of \$731 million is invested in publicly-traded

THE ACQUISITION OF LIG IS EXPECTED TO HAVE A FAVORABLE IMPACT ON INVESTMENT OPERATIONS. LARGER ASSET PORTFOLIOS WILL OFFER ECONOMIES OF SCALE. AN INCREASED PRESENCE IN THE INVESTMENT MARKETS SHOULD REINFORCE THE COMPANY'S OPPORTUNITIES TO ACQUIRE FAVORABLE INVESTMENT PRODUCT. THE ACQUISITION OF LIG PROVIDES THE COMPANY WITH A SOURCE OF RESIDENTIAL LOANS THAT IT DID NOT HAVE PREVIOUSLY. THIS ADDITIONAL ASSET CLASS WILL SUPPORT THE COMPANY'S ABILITY TO OFFER COMPETITIVE SAVINGS PRODUCTS TO CUSTOMERS.

companies at year-end 1997.

At year end, 5% of invested assets, excluding LIG, were held in real estate, down from 6% in 1996. During 1997, the Company's strategy continued to favor disposition of small, non-strategic assets. In 1997, the Company disposed of eight properties, for gross proceeds of \$32 million. The Company increased its allowances with respect to the carrying value of its real estate portfolio to \$38 million in recognition of possible long-term losses associated with real estate values. On a consolidated basis, 5% of invested assets are held in real estate.

As discussed in note 3(b) of the Lifeco financial statements, the Company implemented a new accounting guideline with respect to the recognition of impairment in real estate. As a consequence, real estate carrying values were reduced by \$75 million in 1997.

While 1998 has started on a volatile note in the capital markets, reflecting the economic problems in Southeast Asia, the outlook continues to be positive on balance. Inflation and interest rates are expected to remain at relatively low levels. While credit spreads in the fixed-income markets are likely

to remain narrow by historic standards, there will be opportunities to invest in good quality mortgages and bonds. The emphasis on maintaining high quality levels in the Company's asset portfolios will be continued.

#### Segregated Funds

The Investment division supports the Company's strategic emphasis on segregated funds through a wholly-owned subsidiary, GWL Investment Management Ltd. (GWLIM), which provides the specialized investment management and service demanded by the market. GWLIM acts as investment advisor to over 200 major institutional clients, and offers one of the broadest ranges of investment options in separate and pooled funds in Canada.

During 1997, segregated fund assets under management, excluding LIG, grew by \$1,464 million or 30%, to \$6.36 billion at year end. This includes 25 funds totalling \$1,106 million managed by five external managers as sub-advisors to GWLIM. On a consolidated basis, segregated fund assets were \$10.96 billion at December 31, 1997.



## SEGREGATED FUND ASSETS

December 31 (in \$ millions)

	1997			1996	1995	1994	1993
	Lifeco excluding LIG Acquisition	LIG	Total				
Stocks	\$ 3,673	\$ 2,507	\$ 6,180	\$ 2,788	\$ 1,943	\$ 1,520	\$ 934
Bonds	1,739	1,355	3,094	1,374	1,134	1,121	1,181
Mortgages	438	434	872	440	510	507	453
Real estate	377	38	415	226	210	236	260
Other	136	266	402	71	157	148	74
Total	\$ 6,363	\$ 4,600	\$ 10,963	\$ 4,899	\$ 3,954	\$ 3,532	\$ 2,902
Internally-managed	5,257	4,140	9,397	4,359	3,834	3,486	2,902
Externally-managed	1,106	460	1,566	540	120	46	—
Year over year growth	29.9%	37.5%	N/A	23.9%	12.0%	21.7%	—

THE ACQUISITION OF LIG, INCLUDING SEGREGATED FUNDS AND MAXIMUM MUTUAL FUND ASSETS, LIG'S STRATEGIC FOCUS ON SEGREGATED FUNDS AND MUTUAL FUNDS IS SUPPORTED THROUGH ITS INVESTMENT DIVISION, LIFECO LIFE INVESTMENT MANAGEMENT, AND THROUGH A WHOLLY-OWNED SUBSIDIARY, LONDON FUND MANAGEMENT, BOTH OF WHICH PROVIDE SPECIALIZED INVESTMENT MANAGEMENT SERVICES IN THIS RAPIDLY GROWING MARKET. THE ADDITION OF THE LIG SEGREGATED FUNDS GIVES LIFECO A 23% SHARE OF THE CANADIAN SEGREGATED FUND MARKET.

## LIQUIDITY

The Company uses a number of techniques in the general funds to manage liquidity. Assets are acquired to provide a steady cash flow designed to match the

requirements of the liabilities. The liabilities are designed to improve the predictability of their cash flows and to reduce the risk of disintermediation to the Company. A portion of the Company's assets are held in highly marketable securities

that can be sold to meet cash flow requirements prior to maturity. Additional liquidity is available through established lines of credit and through the Company's demonstrated ability to access the capital markets.

## LIQUID ASSETS – CANADIAN OPERATIONS – GENERAL FUNDS

December 31 (in \$ millions)

	1997				1996			
	Balance Sheet Value		Market Value		Balance Sheet Value		Market Value	
	Lifeco excluding LIG Acquisition	LIG	Consolidation Adjustments	Total				
Cash & certificates of deposit	\$ 33	\$ 540	\$ —	\$ 573	\$ 573	\$ 35	\$ 35	
Highly marketable securities								
– Government bonds	1,570	4,076	180	5,826	6,020	1,727	1,852	
– Corporate bonds	1,675	2,950	130	4,755	4,974	1,999	2,171	
– Common/Preferred shares	107	324	26	457	465	454	562	
– Residential Mortgages available to securitize	—	199	5	204	198	—	—	
Total	\$ 3,385	\$ 8,089	\$ 341	\$ 11,815	\$ 12,230	\$ 4,215	\$ 4,620	

Liquid assets of \$3.4 billion excluding LIG, represent very favorable levels of liquidity protection, particularly when used

in combination with the other methods of liquidity management available to the Company. Consolidated liquid assets which

have a security interest by way of pledging total \$548 million, primarily associated with reinsurance agreements.

## LIABILITY CHARACTERISTICS – CANADIAN OPERATIONS

December 31 (in \$ millions)

December 31 (in \$ millions)	1997						1996	
	Book Value					Liquidity Need	Book Value	Liquidity Need
	Lifeco excluding LIG Acquisition	LIG	Consolidation Adjustments	Total				
Policies non-cashable prior to maturity or subject to market value adjustment	\$ 4,802	\$ 10,142	\$ 617	\$ 15,561	LOW	\$ 5,249	LOW	
Policies with surcharges	849	6,068	—	6,917	LOW	780	LOW	
Policies with no surcharges	556	1,493	—	2,049	HIGH	592	HIGH	
Total	\$ 6,207	\$ 17,703	\$ 617	\$ 24,527		\$ 6,621		

LIG FOLLOWS A PRUDENT STRATEGY TO MEET ITS LIQUIDITY NEEDS INCLUDING A STABLE AND PREDICTABLE SOURCE OF LIQUIDITY FROM OPERATIONS AS WELL AS ACCESS TO ESTABLISHED LINES OF CREDIT.

## REINSURANCE AND SPECIALTY GENERAL INSURANCE

This segment is new to the Canadian Operations of Lifeco for 1997, as it is part of the operations of LIG acquired by Great-West in the fourth quarter of 1997. Consequently, the 1997 financial results of Lifeco reflect the operations of this segment for the period November 14 to December 31 only. Premiums earned for the period were \$904 million of reinsurance and \$7 million of property and casualty insurance.

Making up this segment are the following three major subsidiaries of LIG.

### London Reinsurance Group (LRG)

Reinsurance contracts are legal agreements in which an insurer transfers certain risks on its insurance policies to another insurer, called a reinsurer. LRG primarily assumes a lower amount of risk under its specialty reinsurance contracts than a traditional

reinsurer. LRG has recently entered the traditional markets in a cautious and controlled manner.

The operations of LRG allow it to selectively participate in attractive, mature global markets and diversify London Life's retail and other insurance operations. LRG reinsures life, property and casualty, accident and health, and annuity business. Contracts are custom designed, underwritten and marketed to major insurance and reinsurance companies around the world, but primarily in the United States and Europe. High quality, financially strong clients with whom long-term relationships can be developed are selected. A variety of products are written to ensure a good mix of business and spread of risk.

### London Life International

London Life International's business strategy is to develop joint venture

partnerships with strong domestic partners who provide competitive advantage and share similar values, goals and expectations. London Life commenced its first retail insurance operations in Asia in 1993, with the establishment of Shin Fu in Taiwan. London Life International's headquarters are based in Kuala Lumpur, Malaysia.

### Shin Fu

Shin Fu is a joint venture between London Life and Central Investment Holding Company, a leading Taiwan diversified investment company. London Life owns nearly 39% of Shin Fu which is capitalized at 2.75 billion New Taiwan dollars, approximately \$125 million. Of Shin Fu's assets, less than 9% are invested in the Asian stock markets.

Working with its domestic partners, London Life has adapted and implemented the career agent training systems it uses in Canada.



After its rapid start-up growth, Shin Fu operations are now stabilizing with a strong core of 1,300 full-time sales representatives and management focusing on attracting new sales and retaining customers.

Insurance business sold must be retained for several years to offset the initial sales, underwriting and administration costs. While the

insurance being sold today will be profitable over the medium term, the business base needs to grow further, through new sales and business retention to be successful in the long term.

#### **London Guarantee**

London Guarantee focuses on underwriting specialty insurance products in niche markets within the property and casualty insurance

marketplace in Canada. The Company's strategic value is derived from its expertise in, and focus on, specialty applications of the insurance risk concept. The product portfolio includes fidelity, surety, directors and officers and professional liability insurance. Products are distributed through a network of over 1,600 independent insurance brokers.

- **Employee Benefits** – life, health, disability insurance and 401(k) products for group clients.
- **Financial Services** – accumulation and payout annuity products for both group and individual clients, as well as life insurance products for individual clients.
- **Investment Operations** – management of assets – general funds, segregated funds and other managed funds.

Reference is made to note 16 of the Lifeco financial statements, Segmented Information, for the presentation of United States operations and identifiable assets.

(in \$ millions)

General fund and segregated fund assets in the United States



increased 4% and 51%, respectively in 1997. The growth in segregated

fund assets is the result of a combination of improved market

values in equities and a large increase in fund deposits.

## OPERATING EXPENSES

For the years ended December 31 (in \$ millions)

	1997	1996	1995	1994	1993
<b>Total Operating Expenses</b>					
Human Resources	\$ 276	\$ 233	\$ 219	\$ 192	\$ 160
Staff Benefits	45	38	38	33	29
Rent	46	42	37	34	31
Other	198	150	147	124	109
<b>Total</b>	<b>\$ 565</b>	<b>\$ 463</b>	<b>\$ 441</b>	<b>\$ 383</b>	<b>\$ 329</b>
Year over year growth	22.0%	5.0%	15.2%	16.3%	—

## EMPLOYEE BENEFITS

The Employee Benefits division provides a full range of employee benefit products to more than 9,000 employers across the United States. GWL&A offers employers the advantage of a total benefits solution - an integrated package of group life and disability insurance, managed care programs, 401(k) savings plans and flexible spending accounts. Through integrated

pricing, administration, funding, and service, the Company helps employers provide cost-effective benefits that will attract and retain quality employees, and at the same time, help employees reach their personal goals by offering benefit choices, along with information needed to make appropriate choices.

During 1997, the Employee Benefits division experienced:

- significant growth in 401(k) assets under administration,
- increased sales and improved customer retention in group life and health,
- favorable mortality results, and
- license approval for five HMO subsidiaries, bringing the total to ten HMOs which are fully operational.

## OPERATIONS SUMMARY (Group life, health and disability products in total)

(in \$ millions)

	1997	1996	% Change
<b>Sales (new annualized premium)</b>			
Small/mid-sized	\$ 281	\$ 236	19%
Large	293	248	18%
<b>Total</b>	<b>\$ 574</b>	<b>\$ 484</b>	<b>19%</b>
<b>Revenue Premium Income</b>			
Small/mid-sized	\$ 962	\$ 984	(2%)
Large	2,534	2,349	8%
Annuities (401(k))	1,969	1,551	27%
<b>Total</b>	<b>\$ 5,465</b>	<b>\$ 4,884</b>	<b>12%</b>
<b>Fee Income</b>			
Self-funded	\$ 422	\$ 376	12%
Annuities	89	68	31%
<b>Total</b>	<b>\$ 511</b>	<b>\$ 444</b>	<b>15%</b>
<b>Assets Under Administration</b>			
Annuities (401(k))			
– Guaranteed funds	\$ 337	\$ 363	(7%)
– Variable funds	6,527	4,420	48%
– Third-party administration	672	395	70%
<b>Total</b>	<b>\$ 7,536</b>	<b>\$ 5,178</b>	<b>46%</b>

Overall, the financial results for 1997 have improved with 401(k) revenue premium increasing 27% to \$2.0 billion. Assets under administration in 401(k) increased 46% over 1996, to \$7.5 billion. Equivalent revenue premium income for group life and health increased 5%. Fee income increased 15% to \$511 million due to sales and strong equity markets. Net income increased in 1997 due to favorable mortality and strong 401(k) asset growth.

The Employee Benefits division experienced strong sales growth during 1997 as 1,473 new group medical customers selected Great-West products increasing its membership by 121,622 individual members. Much of this growth can be attributed to the introduction of new HMOs in markets with high sales potential, and the Company's ability to offer a choice of managed care products. In addition, the number of 401(k) group customers increased by 925, increasing the number of individual 401(k) lives to 430,000 from 355,000 in 1996.

To position itself for the future, the Employee Benefits division is focused on putting in place the products, strategies and processes that will strengthen its competitive position in the evolving managed care environment. During 1997, the U.S. insurance industry continued a pattern of consolidation. The Company demonstrated its long-term commitment to the group life and health business by acquiring an additional 150 self-funded group customers (75,000 new members) through a marketing agreement with a Minneapolis third-party administrator.

With a heightened sensitivity to price comes the demand for more tightly managed care plans, which is why HMO development remains Employee Benefits' most important

product development initiative. In 1997, the Company received state approval for HMOs in Massachusetts, Oregon, Washington, Ohio and Tennessee and applied for licenses in Florida, New Jersey, Indiana and North Carolina. The Company also entered into agreements with other insurance carriers, which will exclusively market the One Health Plan HMO in various states. These types of agreements will augment growth in GWL&A's HMO programs in the future.

The One Health Plan subsidiary organization is also playing a role in network contracting and administration, medical management, member services, and quality assurance for the Company's other managed care products. In addition to day-to-day operation of the HMO, each One Health Plan will administer Preferred Provider Organization (PPO) and Point-of-Service (POS) Plan provider networks for the Company and its joint-venture partner, The New England Life Insurance Company. This consolidation began in 1996 with the first five HMO initiatives, and will continue into 1998. In addition to economies of scale, this "pooling" of PPO, POS, and HMO membership benefits the Company in negotiating provider reimbursement arrangements, which leads to more competitive pricing.

The Company experienced an 8% increase in total membership, from 1,554,142 at the end of 1996 to 1,675,764 at year-end 1997. Gatekeeper (i.e., POS and HMO) members grew 18% from 350,185 in 1996 to 414,519 in 1997. The Company expects this segment of the business to grow as additional HMO licenses are obtained.

The number of new 401(k) case sales, including third-party administration business generated

through the Company's marketing and administration arrangement with The New England Life Insurance Company increased to 1,235 in 1997 from 1,156 in 1996. This brings the total 401(k) block of business under administration to 5,695 employer groups and more than 430,000 individual participants.

During 1997, the in-force block of 401(k) business also performed well, with customer retention of 94%. This, combined with strong equity markets, resulted in a 46% increase in assets under management, to \$7.5 billion.

In addition to GWL&A's internally-managed funds, the Company offers externally-managed funds from recognized mutual fund companies such as AIM, Fidelity, Putnam, and American Century. This strategy, supported by participant education efforts, is validated by the fact that 95% of assets contributed in 1997 were allocated to variable funds.

Pension Plan Specialist (PPS) services, which include drafting of plan documents, compliance testing, and completion of annual tax forms, were elected in an additional 900 cases in 1997. This brings the total in-force case count serviced by this in-house unit to over 2,000. In addition to offering employers the advantages of one-stop shopping, this program enables the Company and the employer to reduce costs associated with these services.

To promote long-term asset retention, the Company enhanced a number of products and services, including prepackaged "lifestyle" funds (*The Profile Series*), "Account Credits" for high-balance accounts, a rollover IRA product, more effective enrollment communications, one-on-one retirement



planning assistance and personal plan illustrations. These efforts have led to a high level of customer satisfaction and customer retention in the Company's 401(k) business.

During 1997, the Company also introduced a Non-Qualified Deferred Compensation supplemental product to its 401(k) product. This product is designed

for highly compensated employees who prefer to defer compensation on a pre-tax basis until retirement. The Company is funding the plan using mutual funds, which makes it attractive to participants and distinctive from the competition.

In 1998, the Company will continue to enhance managed care programs and services, further

HMO development, seek National Committee for Quality Assurance (NCQA) accreditation, refine quality assurance programs and introduce member communications directed at health improvements. The Company will enhance the 401(k) product by placing more emphasis on improved enrollment strategies for the employer and on-line participant education.

## FINANCIAL SERVICES

The Financial Services division develops, administers, and sells retirement savings and life insurance products and services for individuals and employees of state and local governments, non-profit hospitals and organizations, and public school districts.

During 1997, the Financial Services division experienced:

- significant growth in participants and segregated funds primarily attributable to Public/Non-Profit (P/NP) business,

- very good persistency in all lines of business, and
- strong sales of Bank Owned Life Insurance (BOLI).

## OPERATIONS SUMMARY

(in \$ millions)

	1997	1996	% Change
<b>Savings</b>			
Revenue premium income	\$ 1,360	\$ 779	75%
Fee income	70	43	63%
Assets under administration			
Individual annuities	\$ 1,382	\$ 1,420	(3%)
Group annuities	6,502	6,778	(4%)
Segregated funds	4,672	3,023	55%
Third-party administration	12,193	6,049	102%
<b>Total</b>	<b>\$ 24,749</b>	<b>\$ 17,270</b>	<b>43%</b>
<b>Insurance</b>			
Sales (new annualized premium)	\$ 329	\$ 275	20%
Revenue premium income	967	1,149	(16%)

### Savings

The Financial Services division's core savings business is the P/NP pension market, providing investment products, administrative and communication services to employees of state and local governments (IRC Section 457 Deferred Compensation Plans), as well as employees of hospitals and public school districts (IRC Sections 403(b) and 401(k) Tax

Deferred Annuities). The assets of the P/NP business, including segregated funds, increased 10% during 1997 to \$10.7 billion. Much of the growth came from the variable annuity business which was driven by excellent sales results and strong investment returns in the equity markets.

The Financial Services division's retirement savings business

experienced strong growth. The number of lives under administration increased by 181,700 in 1997, compared to a 79,466 increase in 1996. BenefitsCorp, the Company's wholly-owned communication and marketing subsidiary sold 13 new large employer cases and increased the penetration of existing cases by enrolling new employees.

The Financial Services division again experienced a very high retention rate in P/NP contract renewals in 1997. Part of this customer loyalty comes from initiatives to provide high-quality service while controlling expenses.

The Company continued to limit sales of Guaranteed Investment Contracts (GICs) and allow this block of business to contract in response to the highly competitive GIC market. As a result, GIC assets decreased 19% in 1997, to \$585 million.

Customer demand for investment diversification continued to grow during 1997. New contributions to variable business represented 69% of the total 1997 premiums. The Company continues to expand the investment products available through its subsidiary mutual fund company, Maxim Series Fund, Inc., and partnership arrangements with external fund managers. Externally-managed funds offered to participants in 1997 included American Century, Ariel, Fidelity, Founders, INVESCO, Janus, Loomis Sayles, Templeton, T. Rowe Price and Vista. In 1997 the Company introduced Profile portfolios for its P/NP variable annuity products. The Profiles provide the convenience of pre-selected investment mixes based on varying degrees of risk tolerance. This array of funds allows customers to diversify their investments across a wide range of investment products, including fixed income, stock and international equity fund offerings.

Customer participation in guaranteed segregated funds increased as many customers prefer the security of government investments and segregated assets. Assets under management for guaranteed

segregated funds exceeded \$654 million in 1997, compared to \$470 million in 1996.

Financial Services uses several distribution channels to reach P/NP markets, including independent marketing agencies and BenefitsCorp. Independent marketing agencies add value to product offerings by applying experience and expertise in implementing and managing retirement plans. BenefitsCorp provides an extensive menu of marketing services to more than 1,800 groups, including government entities, hospitals, and other non-profit organizations.

Financial Administrative Services Corporation (FASCorp), formed in 1993, is a wholly-owned subsidiary of GWL&A with the sole purpose of providing comprehensive administrative and recordkeeping services for financial institutions and employer-sponsored retirement plans. FASCorp administers records for approximately 9,200 groups at year-end 1997 versus 7,700 at year-end 1996, representing more than 1,000,000 participants (800,000 in 1996).

During the fourth quarter of 1996, the Company also initiated a marketing agreement with Charles Schwab & Co., Inc., to sell individual fixed and variable non-qualified deferred annuities. The variable annuity product offers 25 investment options, dollar cost averaging and rebalancing. The fixed product (guaranteed fund) offers guarantee period durations of one to ten years. Virtually all of the premium income has been variable, totalling \$331 million in 1997, compared to the \$12 million sold in late 1996.

#### Insurance

The Company continued its conservative approach to the

manufacture and distribution of traditional life insurance products, while focusing on customer retention and expense management. Aggressive expense management and favorable individual life insurance customer retention helped improve unit costs in 1997.

Individual life insurance revenue premiums of \$967 million in 1997 decreased 16% from 1996, due to the reduction of COLI premiums which resulted from changes in U.S. income tax laws.

As of year-end 1996, legislation was in place to phase out the tax deductibility of interest on policy loans for COLI products during 1997 and 1998. Although COLI sales were discontinued in 1996, renewal premiums totalled \$337 million in 1997 compared to \$577 million in 1996. The Company has shifted its emphasis from COLI to sales in the BOLI market. This product provides long-term benefits for bank employees and was not affected by the 1996 legislative changes. BOLI revenue premiums were \$335 million during 1997, compared to \$259 million in 1996. The Company continues working closely with existing COLI customers to determine the options available to them and is confident that the effect of the 1996 legislative changes will not be material to the Company's operations.

During 1998, the Company expects to continue its growth in the third-party administration area through its subsidiary company, FASCorp. Emphasis will also be placed on developing the institutional insurance and annuity markets. Improved communications will be provided to its customers in the public/non-profit market through the use of the Internet.



## INVESTMENT OPERATIONS

The Federal Reserve Board increased the rate on federal funds by .25% to 5.50% in March of 1997 in an effort to slow the economy and keep downward pressure on

inflation. Although economic growth accelerated during the course of the year, inflationary pressures declined as the year progressed. With inflation

seemingly in control, rates declined in the second half of the year to finish at levels lower than year-end 1996.

### U.S. TREASURY RATES

December 31

Term	1997	1996	1995
1 Year	5.5%	5.5%	5.1%
3 Year	5.7	6.0	5.2
5 Year	5.8	6.2	5.4
10 Year	5.8	6.4	5.6
30 Year	6.0	6.6	6.0

The economic crisis currently gripping most of Asia is expected to keep downward pressure on economic growth and inflation in the U.S. during 1998. In this environment, further downward pressure on interest rates is expected. Predicated on that outlook, management has initiated activities which better position the investment portfolio with securities that have more favorable return characteristics in a lower interest rate environment.

In spite of generally declining rates, the Company's overall investment portfolio earned a yield of 7.4% in 1997 and in 1996, with better returns on the mortgage portfolio offsetting the effect of lower rates on new investments.

This period of lower rates may tempt investors to take additional risks in an effort to increase yield. The Company, however, continues its program of acquiring quality assets, guided by conservative investment policies that include carefully defined industry, size and geographical diversification standards which reduce the Company's exposure to undue concentration of risk. One of the strategies inherent in the Company's program

is the identification of various market niches and sectors which offer richer investment value than the market as a whole, while meeting Company investment policies.

The Company also maintains rigorous standards to control interest risk and observes strict asset and liability matching guidelines. These guidelines ensure that even under changing market conditions, the Company will meet the cash flows and income requirements of its liabilities. Through dynamic modeling, using state-of-the-art software to analyze the effects of a wide range of possible market changes on investments and policyholder benefits, the Company ensures that its investment portfolio is appropriately structured to fulfill all obligations to its policyholders.

#### General Funds

In 1997, funds available for investment and mortgages subject to renewal and rate adjustment totalled \$2.8 billion, and were placed as follows:

- 3% in U.S. government and agency bonds,
- 79% in other bonds,

- 12% in mortgage renewals, and
- 6% in policy loans and other short-term investments.

The Company's new bond investments included not only publicly-traded securities, but also well-structured private placements which typically offer higher yields and better covenant protection than public bonds. The Company anticipates investment grade bonds will remain the largest component of its 1998 investment program.

As of December 31, 1997, approximately 89% of the Company's invested assets were cash, bonds or policy loans. The overall quality of the bond portfolio, the largest single component of the Company's invested assets, continues to be high, with 99% of the portfolio rated investment grade.

Approximately 43% of the bond portfolio is composed of structured assets. This asset category includes both asset-backed and mortgage-backed securities. The Company's strategy, related to these assets, is to focus on those with low volatility and minimal credit risk. The Company does not invest in collateralized mortgage obligations with higher risk profiles, and has no

**ASSET DISTRIBUTION***December 31 (in \$ millions)*

	1997		1996	
Government bonds	\$	3,357	17%	\$ 3,341 18%
Other bonds		9,932	50	9,370 49
Mortgages		1,883	10	2,158 11
Stocks & real estate		202	1	237 1
Subtotal portfolio investments		15,374		15,106
Cash & certificates of deposit		319	2	204 1
Policy loans		4,022	20	3,682 20
Total invested assets	\$	19,715	100%	\$ 18,992 100%

**BOND PORTFOLIO QUALITY** (excludes \$580 million short-term investments, \$870 million in 1996)*December 31 (in \$ millions)*

	1997		1996	
<b>Estimated Rating</b>				
AAA	\$	5,876	46%	\$ 5,681 48%
AA		1,181	9	1,012 8
A		2,980	24	2,675 23
BBB		2,551	20	2,325 20
BB or lower		121	1	148 1
Total	\$	12,709	100%	\$ 11,841 100%

plans to invest in such instruments in the future.

The aggregate amount of non-performing loans at December 31, 1997 was \$53 million or 0.3% of portfolio investments, compared with \$117 million or 0.8% at the end of 1996. These low levels reflect the Company's proactive management of potentially problematic accounts. Total allowances for credit losses were \$132 million at year-end 1997, compared to \$122 million at the end of 1996.

The U.S. equity portfolio consists primarily of the Denver home office, minimal other real estate, seed money in some of the Company's mutual funds and a

small number of private equities. The Company anticipates a limited participation in real estate and the equity markets during 1998, and continues to stress variable funds for those policyholders wanting to invest in equities.

**Segregated Funds**

The 33% increase in the S&P 500 Index was among many reasons that investors in the U.S. continued to increase their participation in mutual funds during 1997. In response to this increased consumer desire, the Company continues to increase its offerings in the variable fund arena and to offer a broad selection of mutual and segregated funds. During 1997, such funds administered by the Company grew

to \$11.2 billion, compared with \$7.4 billion at year-end 1996. Included in the December 31, 1997 balance is \$6.3 billion of assets in Maxim and Orchard Funds, with 30 different portfolio offerings.

The Maxim and Orchard portfolios are composed of two money market funds, six managed fixed income funds, eight indexed equity funds, and fourteen managed equity funds. The goal of the index funds is to provide returns which approximate the returns of the comparable indexes. The remaining funds are targeted to meet or beat the returns of predetermined comparable indexes or other targets.



## SEGREGATED FUND ASSETS

December 31 (in \$ millions)

	1997	1996	1995	1994	1993
Maxim & Orchard Funds					
Equity funds	\$ 4,702	\$ 2,759	\$ 1,764	\$ 1,102	\$ 819
Fixed-income funds	920	691	578	426	367
Money market fund	652	543	377	261	128
Total	6,274	3,993	2,719	1,789	1,314
Other internally-managed funds	693	583	491	380	146
Externally-managed funds	4,232	2,867	2,100	1,270	757
	<u>\$ 11,199</u>	<u>\$ 7,443</u>	<u>\$ 5,310</u>	<u>\$ 3,439</u>	<u>\$ 2,217</u>
Year over year growth	50.5%	40.2%	54.4%	55.1%	-

## LIQUIDITY

The liquidity needs of the United States segment of the Company are closely managed through cash flow matching of assets and liabilities and forecasting earned and required yields, to ensure consistency between policyholder requirements and the yield of assets. Over 70% of policy liabilities are non-cashable prior to maturity,

or subject to market value adjustments or withdrawal penalties.

At December 31, 1997, the United States segment of the Company has repurchase agreements with third-party broker-dealers of \$606 million compared with \$823 million at December 31, 1996, and a commercial paper program with an outstanding

balance of \$77 million, compared with \$116 million at December 31, 1996.

Additional liquidity is available through established lines of credit and through the demonstrated ability of the United States segment of the Company to access the capital markets.

## LIQUID ASSETS - UNITED STATES OPERATIONS - GENERAL FUNDS

December 31 (in \$ millions)

	1997		1996	
	Balance Sheet Value	Market Value	Balance Sheet Value	Market Value
Cash & short-term investments	\$ 319	\$ 319	\$ 204	\$ 204
Highly marketable securities				
- Government bonds	3,357	3,408	3,341	3,343
- Corporate bonds	5,584	5,703	5,584	5,642
- Common/Preferred shares	57	65	50	55
Total	<u>\$ 9,317</u>	<u>\$ 9,495</u>	<u>\$ 9,179</u>	<u>\$ 9,244</u>

## LIABILITY CHARACTERISTICS - UNITED STATES OPERATIONS

December 31 (in \$ millions)

	1997		1996	
	Book Value	Liquidity Need	Book Value	Liquidity Need
Policies non-cashable prior to maturity or subject to market value adjustment	\$ 12,240	LOW	\$ 12,171	LOW
Policies with surcharges	2,911	LOW	2,352	LOW
Policies with no surcharges	1,914	HIGH	1,798	HIGH
Total	<u>\$ 17,065</u>		<u>\$ 16,321</u>	

# GREAT-WEST LIFE CO INC.

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	Carrying Value				1997
	Term to Maturity			Total	
	1 Year or Less	1-5 Years	Over 5 Years	Total	
Term bonds	\$ 1,251	\$ -	\$ -	\$ 1,251	
	2,751	9,115	15,208	27,075	
Other loans	2,044	5,921	3,091	11,056	
	\$ 6,046	\$ 15,037	\$ 18,299	\$ 39,382	
Geographic					
Canada	\$ 3,409	\$ 8,507	12,162	\$ 24,078	
United States	2,637	6,530	5,137	15,304	
	\$ 6,046	\$ 15,037	\$ 18,299	\$ 39,382	





## MANAGEMENT'S RESPONSIBILITY

The consolidated financial statements are the responsibility of management and are prepared in accordance with generally accepted accounting principles. The financial information contained elsewhere in the annual report is consistent with that in the consolidated financial statements. The financial statements necessarily include amounts that are based on management's best estimate due to dependency on subsequent events. These estimates are based on careful judgements and have been properly reflected in the financial statements. In the opinion of management, the accounting practices utilized are appropriate in the circumstances and the financial statements fairly reflect the financial position and results of operations of the Company within reasonable limits of materiality.

In carrying out its responsibilities, management maintains appropriate systems of internal and administrative controls designed to provide reasonable assurance that the financial information produced is relevant and reliable.

The consolidated financial statements were approved by the Board of Directors, which has overall responsibility for their contents. The Board of Directors is assisted with this responsibility by its Audit Committee, which consists entirely of Directors not involved in the daily operations of the Corporation.

The function of the Audit Committee is to:

- Review the quarterly and annual financial statements and recommend them for approval to the Board of Directors.
- Review the systems of internal control and security.
- Recommend the appointment of the external auditors and their fee arrangements to the Board of Directors.
- Review other audit, accounting, financial and security matters as required.

In carrying out the above responsibilities, this Committee meets regularly with management, and with both the Company's external and internal auditors to approve the scope and timing of their respective audits, to review their findings and to satisfy itself that their responsibilities have been properly discharged. The Committee is readily accessible to the external and internal auditors.

The Board of Directors of The Great-West Life Assurance Company, pursuant to Section 165(2)(i) of the Insurance Companies Act Canada, appoints the Actuary who is:

- Responsible for ensuring that the assumptions and methods used in the valuation of policy liabilities are in accordance with accepted actuarial practice, applicable legislation and associated regulations or directives.
- Required to provide an opinion regarding the appropriateness

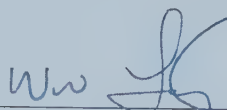
of the policy liabilities at the balance sheet date to meet all policyholder obligations of the Company. Examination of supporting data for accuracy and completeness and analysis of Company assets for their ability to support the amount of policy liabilities are important elements of the work required to form this opinion.

- Required each year to analyze the financial condition of the Company and prepare a report for the Board of Directors. The analysis tests the capital adequacy of the Company until December 31, 2001, under adverse economic and business conditions.

Deloitte & Touche Chartered Accountants, as the Company's appointed external auditors, have audited the consolidated financial statements. The Auditors' Report to the Shareholders is presented following the financial statements. Their opinion is based upon an examination conducted in accordance with generally accepted auditing standards, performing such tests and other procedures as they consider necessary in order to obtain reasonable assurance that the consolidated financial statements are free of material misstatement and present fairly the financial position of the Company in accordance with generally accepted accounting principles.



Orest T. Dackow  
President and Chief Executive Officer  
January 28, 1998



William W. Lovatt  
Vice-President Finance, Canada



Mitchell T.G. Graye  
Vice-President Finance, United States

**SUMMARY OF CONSOLIDATED OPERATIONS**

For the years ended December 31

(in millions of dollars except earnings per common share)

	1997	1996
<b>Income</b>		
Premium income	\$ 4,587	\$ 3,532
Net investment income	2,185	1,982
Fee and other income	705	567
	<b>\$ 7,477</b>	<b>\$ 6,081</b>
<b>Benefits and Expenses</b>		
Paid or credited to policyholders and beneficiaries including policyholder dividends and experience refunds	5,723	4,614
Commissions	296	263
Operating expenses	862	671
Premium taxes	71	68
Provision for integration costs	250	—
<b>Net operating income before income taxes</b>	<b>275</b>	<b>465</b>
Income taxes – current	105	198
– future	(78)	(49)
<b>Net income before minority and other interests</b>	<b>\$ 248</b>	<b>\$ 316</b>
<b>Minority and other interests of The Great-West Life Assurance Company and its subsidiaries</b>		
Participating policyholders	(18)	13
Preferred shareholder dividends	15	13
Minority shareholders' interest	1	1
	<b>(2)</b>	<b>27</b>
<b>Net income</b>	<b>\$ 250</b>	<b>\$ 289</b>
<b>Earnings per common share</b> (note 10)	<b>\$ 1.36</b>	<b>\$ 1.65</b>
<b>Summary of Net Income</b>		
Preferred shareholder dividends	\$ 31	\$ 30
Net income – common shareholders	\$ 219	\$ 259
<b>Net income</b>	<b>\$ 250</b>	<b>\$ 289</b>



## CONSOLIDATED BALANCE SHEET

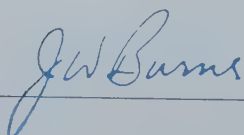
December 31

(in millions of dollars)

	1997	1996
<b>Assets</b>		
Bonds <i>(note 4)</i>	\$ 28,306	\$ 17,641
Mortgage loans <i>(note 4)</i>	10,902	3,972
Stocks <i>(note 4)</i>	790	693
Real estate <i>(note 4)</i>	1,440	636
Loans to policyholders	5,153	3,856
Cash and certificates of deposit	900	239
Funds withheld by ceding insurers	939	—
Premiums in course of collection	409	201
Interest due and accrued	645	406
Future income taxes <i>(note 13)</i>	312	145
Goodwill	1,721	—
Other assets	567	221
<b>Total assets</b>	<b>\$ 52,084</b>	<b>\$ 28,010</b>

Approved by the Board

Director



Director



	1997	1996
<b>Liabilities</b>		
Policy liabilities		
Actuarial liabilities <i>(note 6)</i>	\$ 39,045	\$ 21,817
Provision for claims	572	505
Provision for policyholders' dividends	305	71
Provision for experience rating refunds	194	171
Policyholders' funds	1,975	620
	42,091	23,184
Commercial paper and other loans <i>(note 7)</i>	811	116
Current income taxes	249	130
Other liabilities	1,771	780
Repurchase agreements	708	823
Net deferred gains on portfolio investments sold <i>(note 4)</i>	1,281	322
	46,911	25,355
Minority and other interests <i>(note 8)</i>	2,011	660
<b>Capital Stock and Surplus</b>		
Capital stock <i>(note 9)</i>	2,039	972
Surplus	984	936
Provision for unrealized gain on translation of net investment in foreign operations	139	87
	3,162	1,995
<b>Liabilities, capital stock and surplus</b>	<b>\$ 52,084</b>	<b>\$ 28,010</b>



## CONSOLIDATED STATEMENT OF SURPLUS

For the years ended December 31

(in millions of dollars)

	1997	1996
Balance, beginning of year		
As previously reported	\$ 936	\$ 771
Change in accounting policies (note 3)	(42)	—
As restated	894	771
Net income	250	289
Share issue expense	(2)	—
Common share cancellation excess	(2)	(1)
Minority interest – additional capital investment in subsidiary	(3)	—
Dividends to shareholders		
Preferred shareholders	(31)	(30)
Common shareholders	(122)	(93)
Balance, end of year	\$ 984	\$ 936

**CONSOLIDATED STATEMENT OF CHANGES IN FINANCIAL POSITION**

For the years ended December 31

*(in millions of dollars)*

	1997	1996
<b>Operations</b>		
Net income before minority and other interests	\$ 248	\$ 316
Non-cash charges		
Increase in policy liabilities	73	256
Future income taxes	(134)	(48)
Amortization of goodwill	8	—
Other	(177)	40
	18	564
<b>Financing Activities</b>		
Issue of common shares	948	—
Issue of preferred shares	569	—
Commercial paper and other loans	(311)	(4)
Redemption of preferred shares of subsidiary companies	(312)	(12)
Purchased and cancelled common shares	(3)	(2)
Share issue expenses	(2)	—
Dividends paid	(159)	(137)
	730	(155)
<b>Investment Activities</b>		
Bond sales and maturities	12,419	12,098
Mortgage loan repayments	706	631
Stock sales	1,578	230
Real estate sales	68	12
Decrease in repurchase agreements	(142)	(113)
Policy loan repayments	287	286
Investment in London Insurance Group	(2,946)	—
Investment in bonds	(12,744)	(12,225)
Investment in mortgage loans	(282)	(261)
Investment in stocks	(330)	(307)
Investment in real estate	(38)	(46)
Policy loan advances	(465)	(684)
	(1,889)	(379)
<b>Increase (decrease) in cash and certificates of deposit</b>	<b>(1,141)</b>	<b>30</b>
<b>Cash and certificates of deposit, beginning of year</b>	<b>239</b>	<b>209</b>
<b>London Insurance Group – cash and certificates of deposit at date of acquisition</b>	<b>1,802</b>	<b>—</b>
<b>Cash and certificates of deposit, end of year</b>	<b>\$ 900</b>	<b>\$ 239</b>



## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(\$ amounts in millions of dollars unless otherwise noted)

### 1. Basis of Presentation and Summary of Accounting Policies

The consolidated financial statements of Great-West Lifeco Inc. have been prepared in accordance with generally accepted accounting principles and include the accounts of its subsidiary company, The Great-West Life Assurance Company and its subsidiary companies. The significant accounting policies are as follows:

#### (a) Portfolio Investments

Investments in bonds and mortgage loans (debt securities) are carried at amortized cost net of any allowance for credit losses. The difference between the proceeds on the sale of a debt security and its amortized cost is considered to be an adjustment of future portfolio yield. Net realized gains and losses are included in Net Deferred Gains on Portfolio Investments Sold and are deferred and amortized over the period to maturity of the security sold.

Investments in stocks (equity securities) are carried at cost plus a moving average market value adjustment of \$13 million (\$28 million in 1996). The carrying value is adjusted towards market value at a rate of 15% per annum. Net realized gains and losses are included in Net Deferred Gains on Portfolio Investments Sold and are deferred and amortized to income at 15% per annum on a declining balance basis. Market values for public stocks are generally determined by the closing sale price of the security on the exchange where it is principally traded. Market values for stocks for which there is no active market are determined by management.

Investments in real estate are carried at cost net of write-downs and allowances for loss, plus a moving average market value adjustment of \$37 million (\$39 million in 1996). The carrying value is adjusted towards market value at a rate of 10% per annum. Net realized gains and losses are included in Net Deferred Gains on Portfolio Investments Sold and are deferred and amortized to income at 10% per annum on a declining balance basis. Market values for all properties are determined annually by management based on a combination of the most recent independent appraisal and current market data available. Appraisals of all properties are conducted at least once every three years by independent qualified appraisers.

#### (b) Derivative Financial Instruments

The Great-West Life Assurance Company uses derivative products as risk management instruments to hedge or manage asset and liability positions within guidelines which prohibit their use for speculative trading purposes.

The accounting policies for derivative financial instruments used for hedging correspond to those used for the underlying hedged position.

#### (c) Foreign Currency Translation

The Great-West Life Assurance Company follows the current rate method of foreign currency translation for its net investment in its self-sustaining foreign operations. Under this method, assets and liabilities are translated into Canadian dollars at the rate of exchange prevailing at the balance sheet dates and all income and expense items are translated at an average of daily rates. Certain cross-currency swap contracts are a partial hedge of The Great-West Life Assurance Company's total net investment in its United States operation. The provision for unrealized gain of \$139 million (\$87 million in 1996) on foreign currency translation of The Great-West Life Assurance Company's net investment in its foreign operations is net of the after tax effect of any offsetting gains and losses on instruments designated as hedges, and is recorded separately on the Consolidated Balance Sheet.

The Great-West Life Assurance Company has entered into certain daily average rate forward exchange contracts to manage volatility associated with the translation of its United States operations into Canadian dollars. Net realized foreign exchange gains and losses are included in investment income.

**(d) Loans to Policyholders**

Loans to policyholders are shown at their unpaid balance, are fully secured by the cash surrender values of the policies and have effective interest rates ranging from 5% to 8% (1996 – 5% to 8%).

**(e) Goodwill**

Goodwill represents the excess of purchase consideration over the fair value of net assets of acquired subsidiaries of The Great-West Life Assurance Company. Goodwill is amortized on a straight-line basis over its useful life but not exceeding periods of 40 years. The Great-West Life Assurance Company evaluates the carrying amount of goodwill through projections of future earnings and non discounted estimated cash flows of the related subsidiaries. Goodwill is written down when impaired and the amortization periods are revised if it is estimated that the remaining period of benefit has changed. Amortization of goodwill charged to operations during the year was \$8 million.

**(f) Income Taxes**

Income taxes are accounted for in accordance with the new CICA Handbook Section 3465. Current income taxes are based on taxable income and future income taxes are based on taxable timing differences. The income tax rates used to measure income tax assets and liabilities are those rates enacted at the balance sheet date.

**(g) Repurchase Agreements**

The Great-West Life Assurance Company enters into repurchase agreements with third-party broker-dealers in which The Great-West Life Assurance Company sells securities and agrees to repurchase substantially similar securities at a specified date and price. Such agreements are accounted for as investment financings.

**(h) Pension Plans and Other Post-Retirement Benefits**

The Great-West Life Assurance Company maintains contributory and non-contributory defined benefit pension plans for certain of its employees and agents. The plans provide pensions based on length of service and final average earnings. The current cost of pension benefits is charged to earnings. Adjustments arising from plan amendments or experience gains or losses are amortized over the expected average remaining service life of the employee/agent group.

The Great-West Life Assurance Company also provides post-retirement health and life insurance benefits to eligible employees, agents and their dependents, the cost of which are recognized as incurred.

**(i) Geographic Segmentation**

The Great-West Life Assurance Company has significant operations in Canada and the United States. Operations in other countries are reported with the Canadian operations.

**(j) Comparative Figures**

Certain of the 1996 amounts presented for comparative purposes have been reclassified to conform with the presentation adopted in the current year.

**2. Acquisition of London Insurance Group**

During November and December of 1997, The Great-West Life Assurance Company purchased 100% of the issued and outstanding common shares of London Insurance Group for a total consideration of \$2,946 million including acquisition costs, made up of a combination of \$1,829 million cash, \$569 million preferred shares and \$548 million common shares. The effective date of the acquisition was November 13, 1997 and the transaction was completed on December 23, 1997. The principal operations of London Insurance Group and its subsidiaries consist of individual insurance, group life and health insurance, reinsurance, property and casualty insurance, group and individual retirement products, segregated funds and mutual funds. The acquisition has been accounted for by the purchase method and is summarized as follows:



## 2. Acquisition of London Insurance Group (cont'd)

	Participating Policyholders	Shareholders	Total
<b>Value of Assets Acquired</b>			
Cash and certificates of deposit	\$ 756	\$ 1,046	\$ 1,802
Bonds	4,011	5,476	9,487
Mortgage loans	2,644	4,688	7,332
Stocks	843	236	1,079
Real estate	700	236	936
Loans to policyholders	936	14	950
Funds withheld by ceding insurers	—	556	556
Other assets	186	632	818
	10,076	12,884	22,960
<b>Value of Liabilities Assumed</b>			
Policy liabilities	8,302	9,823	18,125
Commercial paper and other loans	241	785	1,026
Income taxes payable	75	132	207
Net deferred gains on portfolio investments sold	478	95	573
Other liabilities	150	377	527
Minority interests	10	33	43
Participating policyholders' surplus	820	—	820
Preferred shares	—	400	400
	\$ 10,076	\$ 11,645	\$ 21,721
Fair Value of Net Assets Acquired			1,239
Goodwill			1,707
<b>Total Purchase Consideration</b>			<b>\$ 2,946</b>

The amounts assigned to the assets and liabilities acquired and associated goodwill may be adjusted when the allocation process has been finalized in 1998. The goodwill has been allocated to the shareholder account and is being amortized over a period not exceeding 30 years.

The participating policyholders provided \$220 million of the transaction financing by prepaying the present value of expected expense savings, net of integration costs, resulting from the business combination. This financing transaction will be amortized by the participating and shareholder accounts over periods not exceeding 30 years.

The results of the acquired businesses have been included in these financial statements from November 14, 1997. Estimated integration costs of \$250 million are associated with the acquisition and have been included in the Summary of Consolidated Operations. At December 31, 1997, \$243 million of the integration costs remain accrued and are included in other liabilities.

The following outlines the impact on the Company's consolidated financial statements of the acquisition of London Insurance Group for the year ended December 31, 1997:

	Great-West Lifeco Excluding London	London Acquisition	Consolidation Adjustments	Great-West Lifeco Consolidated
Income	\$ 6,051	\$ 1,441	\$ (15)	\$ 7,477
Net income before provision for integration costs				
– attributable to participating policyholders	\$ 17	\$ 12	\$ —	\$ 29
– attributable to shareholders	\$ 339	\$ 14	\$ (8)	\$ 345
Net income				
– attributable to participating policyholders	\$ 13	\$ (31)	\$ —	\$ (18)
– attributable to shareholders	\$ 286	\$ (28)	\$ (8)	\$ 250
Earnings per common share before provision for integration costs	\$ 1.90	\$ 0.09	\$ (0.05)	\$ 1.94
Earnings per common share	\$ 1.58	\$ (0.17)	\$ (0.05)	\$ 1.36
Assets	\$ 30,718	\$ 22,612	\$ (1,246)	\$ 52,084
Liabilities	\$ 26,618	\$ 20,314	\$ (21)	\$ 46,911
Minority and other interests	938	1,073	—	2,011
Shareholders' capital and surplus	3,162	1,225	(1,225)	3,162
	\$ 30,718	\$ 22,612	\$ (1,246)	\$ 52,084

In addition to the above, The Great-West Life Assurance Company acquired London Insurance Group's segregated fund business with net assets of \$4,600 million and mutual fund business with assets of \$695 million at December 31, 1997.

### 3. Change in Accounting Policies

- (a) During the year, The Great-West Life Assurance Company adopted the requirements of the new CICA Handbook Section on Income Taxes, the major impact of which is the non discounting of future income taxes. This change in accounting policy has been applied retroactively with no restatement of prior years' financial statements. As a result of this change, minority and other interests were reduced by \$1 million, shareholders' opening surplus was reduced by \$11 million, future income taxes receivable were increased by \$22 million, and actuarial liabilities were increased by \$34 million.
- (b) In order to comply with Accounting Guideline # 9 issued by the CICA in 1997, during the year The Great-West Life Assurance Company :
- (i) wrote down the carrying value of the real estate portfolio by \$75 million as the decline in value was determined to be other than temporary when considered separately from the equity portfolio. This change in accounting policy has been applied retroactively with no restatement of prior years' financial statements. As a result of this change, minority and other interests were reduced by \$7 million, shareholders' opening surplus was reduced by \$38 million and future income taxes receivable were increased by \$30 million.
  - (ii) adopted the accrual method of determining the portion of the operating income of participating policyholders to which shareholders are entitled. This change in accounting policy has been applied retroactively with no restatement of prior years' financial statements. As a result of this change, minority and other interests were reduced by \$7 million and shareholders' opening surplus was increased by \$7 million.

### 4. Portfolio Investments

- (a) Carrying values and estimated market values of portfolio investments are as follows:

1997					
Balance Sheet Value				Market Value	
		Canada	United States	Total	Total
Bonds	– government	\$ 6,655	\$ 3,357	\$ 10,012	\$ 10,250
	– corporate	8,362	9,932	18,294	19,081
		15,017	13,289	28,306	29,331
Mortgage loans	– residential	5,613	313	5,926	5,962
	– retail and shopping centres	1,215	568	1,783	1,945
	– office buildings	1,035	537	1,572	1,643
	– industrial	990	250	1,240	1,296
	– other	166	215	381	443
		9,019	1,883	10,902	11,289
Stocks	– public	457	–	457	465
	– private	274	59	333	332
		731	59	790	797
Real estate		1,297	143	1,440	1,542
		\$ 26,064	\$ 15,374	\$ 41,438	\$ 42,959

1996					
Balance Sheet Value				Market Value	
		Canada	United States	Total	Total
Bonds	– government	\$ 1,727	\$ 3,341	\$ 5,068	\$ 5,194
	– corporate	3,203	9,370	12,573	13,087
		4,930	12,711	17,641	18,281
Mortgage loans	– residential	582	408	990	1,021
	– retail and shopping centres	463	639	1,102	1,162
	– office buildings	369	575	944	1,003
	– industrial	273	283	556	576
	– other	127	253	380	437
		1,814	2,158	3,972	4,199
Stocks	– public	454	–	454	562
	– private	188	51	239	237
		642	51	693	799
Real estate		450	186	636	614
		\$ 7,836	\$ 15,106	\$ 22,942	\$ 23,893



4. **Portfolio Investments** (cont'd)

- (b) The significant terms and conditions and interest rate risk of applicable fixed-term portfolio investments gross of provisions are as follows:

1997						
	Carrying Value				Principal Amount	Effective Interest Rate Ranges
	Term to Maturity			Total		
	1 Year or Less	1-5 Years	Over 5 Years			
Short term bonds	\$ 1,251	\$ —	\$ —	\$ 1,251	\$ 1,256	3.8%-6.5%
Bonds	2,751	9,116	15,208	27,075	28,500	3.5%-16.4%
Mortgage loans	2,044	5,921	3,091	11,056	10,948	3.3%-15.5%
	<u>\$ 6,046</u>	<u>\$ 15,037</u>	<u>\$ 18,299</u>	<u>\$ 39,382</u>	<u>\$ 40,704</u>	
Geographic						
Canada	\$ 3,409	\$ 8,507	\$ 12,162	\$ 24,078	\$ 25,138	3.5%-16.4%
United States	2,637	6,530	6,137	15,304	15,566	4.0%-12.9%
	<u>\$ 6,046</u>	<u>\$ 15,037</u>	<u>\$ 18,299</u>	<u>\$ 39,382</u>	<u>\$ 40,704</u>	
1996						
	Carrying Value				Principal Amount	Effective Interest Rate Ranges
	Term to Maturity			Total		
	1 Year or Less	1-5 Years	Over 5 Years			
Short term bonds	\$ 1,204	\$ —	\$ —	\$ 1,204	\$ 1,210	2.9%-6.1%
Bonds	2,012	6,927	7,511	16,450	17,670	3.3%-13.8%
Mortgage loans	982	2,198	936	4,116	4,173	4.8%-14.0%
	<u>\$ 4,198</u>	<u>\$ 9,125</u>	<u>\$ 8,447</u>	<u>\$ 21,770</u>	<u>\$ 23,053</u>	
Geographic						
Canada	\$ 1,401	\$ 2,576	\$ 2,804	\$ 6,781	\$ 7,899	2.9%-14.0%
United States	2,797	6,549	5,643	14,989	15,154	4.0%-12.9%
	<u>\$ 4,198</u>	<u>\$ 9,125</u>	<u>\$ 8,447</u>	<u>\$ 21,770</u>	<u>\$ 23,053</u>	

- (c) Included in portfolio investments are the following:

- (i) Non-performing loans:

	1997	1996
Asset Class		
Bonds	\$ 9	\$ 11
Mortgage loans	79	84
Foreclosed real estate	65	125
	<u>\$ 153</u>	<u>\$ 220</u>
Geographic		
Canada	\$ 100	\$ 103
United States	53	117
	<u>\$ 153</u>	<u>\$ 220</u>

Non-performing loans include non-accrual loans and foreclosed real estate held for sale. Bond and mortgage investments are reviewed on a loan by loan basis to determine non-performing status. Loans are classified as non-accrual when:

- (1) payments are 90 days or more in arrears, except in those cases where, in the opinion of management, there is justification to continue to accrue interest; or
- (2) the Company no longer has reasonable assurance of timely collection of the full amount of the principal and interest due; or
- (3) modified/restructured loans are not performing in accordance with the contract.

Where appropriate, provisions are established or write-offs made to adjust the carrying value to the net realizable amount. Wherever possible the fair value of collateral underlying the loans or observable market price is used to establish net realizable value.

## (ii) Allowance for credit losses:

	1997	1996
Asset Class		
Bonds	\$ 20	\$ 13
Mortgage loans	154	144
Foreclosed real estate	1	9
	<u>\$ 175</u>	<u>\$ 166</u>
Geographic		
Canada	\$ 43	\$ 44
United States	132	122
	<u>\$ 175</u>	<u>\$ 166</u>

## (iii) Changes in the allowance for credit losses are as follows:

	1997	1996
Balance – beginning of year	\$ 166	\$ 165
Provision for credit losses – normal	26	35
– cyclical	(8)	(11)
Recoveries of prior write-offs	5	6
Write-offs – modified/restructured loans	(5)	(2)
Write-offs – other loans	(25)	(28)
London Insurance Group at date of acquisition	11	–
Other – including foreign exchange rate changes	5	1
Balance – end of year	<u>\$ 175</u>	<u>\$ 166</u>

The allowance for credit losses includes general provisions, established at a level that together with the provision for future credit losses included in actuarial liabilities, reflects The Great-West Life Assurance Company's estimate of potential future credit losses.

## (d) Investments in real estate include an asset value allowance which provides for deterioration of market values associated with real estate held for investment.

	1997	1996
Canada	\$ 38	\$ 32
United States	–	–
	<u>\$ 38</u>	<u>\$ 32</u>

## (e) Also included in portfolio investments are modified/restructured loans that are performing in accordance with their current terms.

	1997	1996
Canada	\$ 117	\$ 24
United States	307	304
	<u>\$ 424</u>	<u>\$ 328</u>

## (f) Net investment income of \$2,185 million (\$1,982 million in 1996) includes amortization of net deferred realized gains (losses) on portfolio investments and unrealized gains and losses on stocks and real estate as follows:

	1997		
	Canada	United States	Total
Bonds	\$ 44	\$ 89	\$ 133
Mortgage loans	2	8	10
Stocks	45	42	87
Real estate	(4)	(82)	(86)
	<u>\$ 87</u>	<u>\$ 57</u>	<u>\$ 144</u>



#### 4. Portfolio Investments (cont'd)

	1996		
	Canada	United States	Total
Bonds	\$ 23	\$ 23	\$ 46
Mortgage loans	1	4	5
Stocks	30	7	37
Real estate	(7)	(9)	(16)
	<u>\$ 47</u>	<u>\$ 25</u>	<u>\$ 72</u>

(g) The balance of net deferred gains (losses) on portfolio investments sold is comprised of the following:

	1997		
	Canada	United States	Total
Bonds	\$ 652	\$ 65	\$ 717
Mortgage loans	4	1	5
Stocks	539	4	543
Real estate	16	—	16
	<u>\$ 1,211</u>	<u>\$ 70</u>	<u>\$ 1,281</u>

	1996		
	Canada	United States	Total
Bonds	\$ 146	\$ 129	\$ 275
Mortgage loans	3	8	11
Stocks	63	38	101
Real estate	17	(82)	(65)
	<u>\$ 229</u>	<u>\$ 93</u>	<u>\$ 322</u>

During 1997, certain United States net deferred gains were recognized related to disinvestments of lines of business transferred via assumption reinsurance agreements.

#### 5. Pledging of Assets

The amount of assets which have a security interest by way of pledging are outlined below by major pledging activity:

	1997		
	Canada	United States	Total
Derivative transactions	\$ 1	\$ 1	\$ 2
In respect of repurchase agreements	97	—	97
In respect of real estate	5	—	5
In respect of reinsurance agreements	445	—	445
	<u>\$ 548</u>	<u>\$ 1</u>	<u>\$ 549</u>

	1996		
	Canada	United States	Total
Derivative transactions	\$ —	\$ 1	\$ 1

## 6. Actuarial Liabilities

### (a) Composition of Actuarial Liabilities and Related Supporting Assets

(i) The composition of actuarial liabilities is as follows:

		1997				
		Participating Policyholders		Non-Participating Policyholders		Total
		Canada	United States	Canada	United States	
Individual	– Life	\$ 7,579	\$ 5,431	\$ 556	\$ 2,471	\$ 16,037
	– Annuity	89	6	5,820	1,376	7,291
	– Health	xxx	xxx	155	17	172
Group	– Life	xxx	xxx	504	186	690
	– Annuity	39	9	2,700	6,830	9,578
	– Health	167	xxx	1,947	177	2,291
Reinsurance		xxx	xxx	2,974	–	2,974
Property & casualty		xxx	xxx	12	–	12
<b>Total</b>		<b>\$ 7,874</b>	<b>\$ 5,446</b>	<b>\$ 14,668</b>	<b>\$ 11,057</b>	<b>\$ 39,045</b>

		1996				
		Participating Policyholders		Non-Participating Policyholders		Total
		Canada	United States	Canada	United States	
Individual	– Life	\$ 964	\$ 4,553	\$ 203	\$ 2,430	\$ 8,150
	– Annuity	6	6	2,260	1,402	3,674
	– Health	xxx	xxx	139	16	155
Group	– Life	xxx	xxx	232	166	398
	– Annuity	16	9	1,434	7,029	8,488
	– Health	xxx	xxx	812	140	952
<b>Total</b>		<b>\$ 986</b>	<b>\$ 4,568</b>	<b>\$ 5,080</b>	<b>\$ 11,183</b>	<b>\$ 21,817</b>

(ii) The composition of assets supporting liabilities and surplus is as follows:

		1997					
		Bonds	Mortgage Loans	Stocks	Real Estate	Other	Total
<b>Balance Sheet Value</b>							
Participating	– Life	\$ 6,556	\$ 2,756	\$ 68	\$ 2	\$ 3,628	\$ 13,010
	– Annuity	90	44	2	–	7	143
	– Health	149	5	–	–	13	167
Non-participating	– Life	2,120	421	59	7	1,110	3,717
	– Annuity	10,222	5,961	195	24	324	16,726
	– Health	1,639	603	23	–	31	2,296
Reinsurance		1,756	–	35	–	1,183	2,974
Property & casualty		12	–	–	–	–	12
Other		3,845	902	1,063	890	3,177	9,877
Capital and surplus		1,917	210	(655)	517	1,173	3,162
<b>Total Balance Sheet Value</b>		<b>\$ 28,306</b>	<b>\$ 10,902</b>	<b>\$ 790</b>	<b>\$ 1,440</b>	<b>\$ 10,646</b>	<b>\$ 52,084</b>
Geographic							
Canada		\$ 15,017	\$ 9,019	\$ 731	\$ 1,297	\$ 5,357	\$ 31,421
United States		13,289	1,883	59	143	5,289	20,663
		<b>\$ 28,306</b>	<b>\$ 10,902</b>	<b>\$ 790</b>	<b>\$ 1,440</b>	<b>\$ 10,646</b>	<b>\$ 52,084</b>
<b>Fair Value</b>		<b>\$ 29,331</b>	<b>\$ 11,289</b>	<b>\$ 797</b>	<b>\$ 1,542</b>	<b>\$ 10,646</b>	<b>\$ 53,605</b>
Geographic							
Canada		\$ 15,700	\$ 9,360	\$ 732	\$ 1,396	\$ 5,357	\$ 32,545
United States		13,631	1,929	65	146	5,289	21,060
		<b>\$ 29,331</b>	<b>\$ 11,289</b>	<b>\$ 797</b>	<b>\$ 1,542</b>	<b>\$ 10,646</b>	<b>\$ 53,605</b>



## 6. Actuarial Liabilities (cont'd)

		1996					
		Bonds	Mortgage Loans	Stocks	Real Estate	Other	Total
<b>Balance Sheet Value</b>							
Participating	– Life	\$ 2,219	\$ 251	\$ 10	\$ 3	\$ 3,034	\$ 5,517
	– Annuity	27	7	1	–	2	37
Non-participating	– Life	1,749	238	34	16	994	3,031
	– Annuity	8,901	2,671	171	19	363	12,125
	– Health	760	251	(4)	(1)	101	1,107
Other		2,942	272	192	160	632	4,198
Capital and surplus		1,043	282	289	439	(58)	1,995
<b>Total Balance Sheet Value</b>		<b>\$ 17,641</b>	<b>\$ 3,972</b>	<b>\$ 693</b>	<b>\$ 636</b>	<b>\$ 5,068</b>	<b>\$ 28,010</b>
Geographic							
Canada		\$ 4,930	\$ 1,814	\$ 642	\$ 450	\$ 336	\$ 8,172
United States		12,711	2,158	51	186	4,732	19,838
		<b>\$ 17,641</b>	<b>\$ 3,972</b>	<b>\$ 693</b>	<b>\$ 636</b>	<b>\$ 5,068</b>	<b>\$ 28,010</b>
<b>Fair Value</b>		<b>\$ 18,281</b>	<b>\$ 4,199</b>	<b>\$ 799</b>	<b>\$ 614</b>	<b>\$ 5,068</b>	<b>\$ 28,961</b>
Geographic							
Canada		\$ 5,387	\$ 1,999	\$ 744	\$ 428	\$ 336	\$ 8,894
United States		12,894	2,200	55	186	4,732	20,067
		<b>\$ 18,281</b>	<b>\$ 4,199</b>	<b>\$ 799</b>	<b>\$ 614</b>	<b>\$ 5,068</b>	<b>\$ 28,961</b>

Cash flows of assets supporting actuarial liabilities are matched within reasonable limits. Changes in the fair values of assets are essentially offset by changes in the fair value of actuarial liabilities.

Changes in the fair values of assets backing capital and surplus, less related income taxes, would result in a corresponding change in surplus when realized.

The carrying value of assets backing actuarial liabilities plus the portion of deferred gains associated with actuarial liabilities is \$39,772 million. The fair value of these assets is \$41,024 million.

### (b) Nature of Actuarial Liabilities

Actuarial liabilities represent the amounts which, together with estimated future premiums and investment income, will be sufficient to pay estimated future benefits, dividends and expenses on policies in force. Actuarial liabilities are determined using generally accepted actuarial practices, according to standards established by the Canadian Institute of Actuaries. In accordance with these accepted practices, annuity reserves and London Life's group life and health claim reserves have been established using cash flow valuation techniques. All other reserves have been determined using the policy premium method.

### (c) Changes in Actuarial Liabilities

The change in actuarial liabilities is as follows:

	Participating Policyholders		Non-Participating Policyholders		Total	
	1997	1996	1997	1996	1997	1996
<b>Balance – beginning of year</b>	<b>\$ 5,554</b>	<b>\$ 4,877</b>	<b>\$ 16,263</b>	<b>\$ 16,560</b>	<b>\$ 21,817</b>	<b>\$ 21,437</b>
Accounting policy change						
– income taxes (note 3)	(4)	–	38	–	34	–
Normal change – new business	(3)	4	1,174	629	1,171	633
– in force	806	638	(1,887)	(1,068)	(1,081)	(430)
Material assumption changes	–	–	–	60	–	60
Foreign exchange rate changes	228	35	464	82	692	117
London Insurance Group at date of acquisition	6,739	–	9,673	–	16,412	–
<b>Balance – end of year</b>	<b>\$ 13,320</b>	<b>\$ 5,554</b>	<b>\$ 25,725</b>	<b>\$ 16,263</b>	<b>\$ 39,045</b>	<b>\$ 21,817</b>

In 1996 assumption changes resulted in an increase in actuarial liabilities for United States group annuity lines.

**(d) Actuarial Assumptions**

In the computation of actuarial liabilities, valuation assumptions have been made regarding rates of mortality/morbidity, investment returns, levels of operating expenses and rates of policy termination. The valuation assumptions use best estimates of future experience together with a margin for misestimation and experience deterioration. These margins have been set in accordance with guidelines established by the Canadian Institute of Actuaries and are necessary to provide reasonable assurance that the reserves are adequate to cover a range of possible outcomes. Margins are reviewed periodically for continued appropriateness.

The methods for arriving at these valuation assumptions are outlined below:

**Mortality** – A life insurance mortality study is carried out annually, by country, for Canada and the United States. The results of this study are analyzed and used to update The Great-West Life Assurance Company's experience valuation mortality table for life insurance. When there is insufficient data, use is made of the latest industry experience to derive an appropriate valuation mortality rate. Although mortality improvements have been observed for many years, no improvements have been assumed for life insurance valuation.

Annuitant mortality is also studied regularly and the results used to modify established industry experience annuitant mortality tables. Mortality improvement has been projected to occur throughout future years for annuitants.

**Morbidity** – The Great-West Life Assurance Company uses industry developed experience tables modified to reflect emerging company experience. Both claim incidence and termination are monitored regularly and emerging experience is factored into the current valuation.

**Investment Returns** – The assets which correspond to the different liability categories are segmented. From each segment current returns together with reinvestment assumptions are used to derive interest rates to value future events. These interest rates are reduced to provide for projected asset default losses and reinvestment risk. For the cash flow valuation technique, actual asset and liability future cash flows are used in determining the policy liability amounts.

**Expenses** – Unit expense studies are updated regularly to determine an appropriate estimate of future cost for the liability type being valued. Expense improvements are not projected. An inflation assumption consistent with the investment return is incorporated in the estimate of future cost.

**Policy Termination** – Studies to determine rates of policy termination are updated regularly to form the basis of this estimate. Industry data is also available and is useful where The Great-West Life Assurance Company has no experience with specific types of policies or its exposure is limited. The Great-West Life Assurance Company has reflected the emerging trend of lower lapsation on lapse supported benefits in its reserves.

**Policyholder Dividends** – Policyholder dividends are included in future policy benefits at the current scale of policyholder dividends. The Actuary has assumed that policyholder dividends will be changed from the current scale to reflect any differing operating experience of the participating account in future years.

**(e) Risk Management**

- (i) *Interest rate risk* – Interest rate risk is managed by effectively matching portfolio investments with liability characteristics. Hedging instruments are employed where necessary when there is a lack of suitable permanent investments to minimize loss exposure to interest rate changes. The valuation interest rate assumes a declining investment yield in order to incorporate reinvestment risk in the actuarial valuation.
- (ii) *Credit risk* – Credit risk is managed through an emphasis of quality in the investment portfolio and by maintenance of issuer, industry and geographic diversification standards. Projected investment returns are reduced to provide for future credit losses on currently held assets. The net effective yield rate reduction averaged .20% in Canada and .13% in the United States.

The following outlines the provision for future credit losses on the assets backing actuarial liabilities included in actuarial liabilities which are in addition to the allowance for asset losses included with assets:

	Participating Policyholders		Non-Participating Policyholders		Total
	Canada	United States	Canada	United States	
<b>December 31, 1997</b>	<b>\$ 139</b>	<b>\$ 16</b>	<b>\$ 109</b>	<b>\$ 68</b>	<b>\$ 332</b>
December 31, 1996	\$ 17	\$ 15	\$ 68	\$ 103	\$ 203



## 6. Actuarial Liabilities (cont'd)

- (iii) **Reinsurance risk** – Large amount claim risk for life and health insurance is controlled by having reinsurance in place for claims over specified maximum benefit amounts (which vary by line of business but do not exceed \$5 million for any line) and by having catastrophic accident coverage in place covering up to \$200 million of claims from a single event.

Reinsurance contracts do not relieve The Great-West Life Assurance Company from its obligations to policyholders. Failure of reinsurers to honour their obligations could result in losses to The Great-West Life Assurance Company. Consequently, allowances are established for amounts deemed uncollectible. The Great-West Life Assurance Company evaluates the financial condition of its reinsurers and monitors concentrations of credit risk arising from similar geographic regions, activities, or economic characteristics of the reinsurers to minimize its exposure to significant losses from reinsurer insolvencies.

As a result of reinsurance, actuarial liabilities have been reduced by the following amounts:

	Participating Policyholders		Non-Participating Policyholders		Total
	Canada	United States	Canada	United States	
December 31, 1997	\$ 5	\$ 19	\$ 322	\$ 117	\$ 463
December 31, 1996	\$ (1)	\$ 18	\$ 17	\$ 76	\$ 110

- (iv) **Foreign exchange risk** – If the assets backing actuarial liabilities are not matched by currency, changes in foreign exchange rates can expose The Great-West Life Assurance Company to the risk of foreign exchange losses not offset by liability decreases. Foreign exchange risk is managed whenever possible by matching assets with related liabilities by currency and through the use of derivative instruments such as forward contracts and cross-currency swaps. These financial instruments allow The Great West-Life Assurance Company to modify an asset position to more closely match actual or committed liability currency.

- (v) **Liquidity risk** – Liquidity risk is the risk that the Company will have difficulty raising funds to meet commitments. The liquidity needs of the Company are closely managed through cash flow matching of assets and liabilities and forecasting earned and required yields, to ensure consistency between policyholder requirements and the yield of assets. Over 60% of policy liabilities are non-cashable prior to maturity, or subject to market value adjustments or withdrawal penalties.

### (f) Sensitivity of Actuarial Assumptions

The actuarial assumption most susceptible to change in the short term is future investment returns. Based on the projected cash flows of The Great-West Life Assurance Company as of December 31, 1997, the approximate after tax impact of an immediate 1% increase in the general level of interest rates applied to actuarial liabilities and associated assets would be to increase the fair value of surplus by \$48 million. The impact of an immediate 1% decrease would be to decrease the fair value of surplus by \$46 million.

## 7. Commercial Paper and Other Loans

Commercial paper and other loans consist of the following:

	1997 Balance Sheet Value			Fair Value Total
	Canada	United States	Total	
<b>Short-Term</b>				
Commercial paper and other short-term borrowings with interest rates from 3.8% to 6.1%	\$ 221	\$ 77	\$ 298	\$ 298
<b>Long-Term</b>				
Operating:				
First mortgages secured by real estate and limited recourse mortgages at interest rates from 5.1% to 11.6% maturing at various dates to 2012	285	–	285	307
Long-term reinsurance debt at interest rates from 5.8% to 7.8% maturing at various dates to 2004	76	–	76	76
Other notes payable at interest rates from 4.3% to 9.0%	41	–	41	44
Subtotal	402	–	402	427
Capital:				
9.375% Senior debentures due Jan. 8, 2002, unsecured	100	–	100	114
6.875% Senior debentures due Sept. 15, 2005, unsecured (U.S. \$7)	11	–	11	11
Sub total	111	–	111	125
Total	\$ 734	\$ 77	\$ 811	\$ 850
Interest expense on long-term loans	\$ 5	\$ –	\$ 5	

	1996			
	Balance Sheet Value			Fair Value Total
	Canada	United States	Total	
<b>Short-Term</b>				
Commercial paper and other short-term borrowings with interest rates from 5.2% to 5.9%	\$ —	\$ 116	\$ 116	\$ 116
<b>Principal Repayments of Long-Term Loans</b>	Operating	Capital	Total	
1998	\$ 25	\$ —	\$ 25	
1999	32	—	32	
2000	26	—	26	
2001	15	—	15	
2002	85	100	185	
2003 and thereafter	219	11	230	
	\$ 402	\$ 111	\$ 513	

## 8. Minority and Other Interests

The equity investment of Great-West Lifeco Inc. in The Great-West Life Assurance Company was 99.5% at December 31, 1997 and December 31, 1996. The minority and other interests of The Great-West Life Assurance Company and its subsidiaries are:

	1997	1996
Participating policyholders' share of undistributed surplus	\$ 1,264	\$ 471
Preferred shareholders	700	161
Provision for unrealized gains on translation of United States currency preferred shares	—	19
Minority interests in capital stock and surplus	47	9
	\$ 2,011	\$ 660

## 9. Capital Stock

	1997		1996	
	Number	Stated Value (thousands)	Number	Stated Value (thousands)
<b>First Preferred Shares:</b>				
Authorized – Unlimited				
Issued and outstanding:				
Series A, 7.50% Non-Cumulative				
First Preferred Shares	8,000,000	\$ 200,000	8,000,000	\$ 200,000
Series B, 7.45% Non-Cumulative				
First Preferred Shares	4,000,000	100,000	4,000,000	100,000
Series C, 7.75% Non-Cumulative				
First Preferred Shares	4,000,000	100,000	4,000,000	100,000
Class A Series 1, 5.00% Non-Cumulative				
Preferred Shares	4,772,468	119,312	—	—
Balance, end of year	20,772,468	\$ 519,312	16,000,000	\$ 400,000
<b>Common Shares:</b>				
Authorized – Unlimited				
Issued and outstanding:				
Balance, beginning of year	157,446,050	\$ 571,440	157,550,384	\$ 571,812
Exchanged for shares of The Great-West Life Assurance Company	5,540	55	1,266	12
Purchased and cancelled under Normal Course Issuer Bid	(101,900)	(392)	(105,600)	(384)
Issued under Stock Option Plan	8,000	136	—	—
Issued during the year	12,158,055	400,000	—	—
Issued on acquisition of London Insurance Group	17,129,102	548,131	—	—
Balance, end of year	186,644,847	\$ 1,519,370	157,446,050	\$ 571,440
<b>Total Capital Stock</b>		\$ 2,038,682		\$ 971,440



## 9. Capital Stock (cont'd)

The Series A, 7.50% Non-Cumulative First Preferred Shares are redeemable or convertible to Common Shares of the Company at the option of the Company on or after April 1, 1999 or convertible to Common Shares of the Company at the option of the holder on or after September 30, 1999.

The Series B, 7.45% Non-Cumulative First Preferred Shares are redeemable or convertible to Common Shares of the Company at the option of the Company on or after December 31, 2002 or convertible to Common Shares of the Company at the option of the holder on or after June 30, 2003.

The Series C, 7.75% Non-Cumulative First Preferred Shares are redeemable at the option of the Company on or after September 30, 2002 and are convertible to Common Shares of the Company at the option of the Company on or after September 30, 2004. The shares are convertible to Common Shares of the Company at the option of the holder on or after March 31, 2005.

On acquisition of London Insurance Group, the Company issued 4,772,468 5.00% Non-Cumulative Class A Preferred Shares, Series 1 for \$25.00 per share. The shares are redeemable or convertible to Common Shares of the Company at the option of the Company on or after October 31, 2004, or convertible to Common Shares of the Company at the option of the holder on or after January 31, 2005.

During 1997, 101,900 (105,600 in 1996) Common Shares were purchased for cancellation pursuant to the Company's Normal Course Issuer Bids. The total expenditure was \$2.690 million or \$26.40 per share (\$1.704 million or \$16.14 per share in 1996).

During 1997, 12,158,055 Common Shares were issued for a cash consideration of \$400 million or \$32.90 per share.

On acquisition of London Insurance Group, 17,129,102 Common Shares were issued for a value of \$548 million or \$32.00 per share.

A total of 6,000,000 common shares have been reserved for issuance pursuant to the Company's Stock Option Plan. At December 31, 1997, options to purchase up to an aggregate of 4,162,000 (2,878,000 at December 31, 1996) Common Shares at various prices from \$16.956075 to \$39.37321 per share were outstanding. The options are exercisable to ten years after the date of the grant. During the year, 8,000 shares were issued under this plan for an aggregate consideration of \$0.136 million.

## 10. Earnings Per Common Share

	1997	1996
Earnings before provision for integration costs	\$ 1.94	\$ 1.65
Provision for integration costs	(0.58)	—
Earnings per Common Share	\$ 1.36	\$ 1.65

Earnings per common share is calculated using net income after preferred share dividends and the weighted daily average number of common shares outstanding of 161,116,613 (157,481,378 in 1996).

## 11. Pension Plans and Other Post-Retirement Benefits

The status of The Great-West Life Assurance Company's pension plans is as follows:

	1997	1996
Assets at market related values	\$ 1,229	\$ 419
Accumulated pension obligations at present value	996	300
Excess of assets over obligations	\$ 233	\$ 119

The cumulative difference between the amounts expensed and the funding contributions of \$36 million (\$33 million in 1996) has been reflected in the balance sheet in Other Assets.

In Canada, an actuarial valuation report was prepared as at December 31, 1996. In the United States, an actuarial valuation report was prepared during 1997. Actuarial estimates for 1997 were made based on these reports.

The current period charge for other post-retirement benefits provided by The Great-West Life Assurance Company was \$2 million (\$2 million in 1996). On acquisition of London Insurance Group, an accrued benefit liability was assumed for employees of London Insurance Group. When the new CICA requirements on Employees' Future Benefits are issued, harmonization of accounting policies for other post-retirement benefits will be implemented.

## 12. Related Party Transactions

Transactions with related parties consist mainly of the provision of insurance benefits to other companies within the Power Corporation of Canada group of companies. In all cases, transactions are made in the normal course of business and at market prices.

During the year, The Great-West Life Assurance Company also (1) provided life insurance and disability insurance products under a distribution agreement with, purchased residential mortgages for the sum of \$51 million (\$51 million in 1996) from, and provided certain administrative services to, companies within the Power Corporation of Canada group of companies and (2) purchased mortgage loans of \$9 million from a segregated fund managed by the Company, in exchange for a promissory note with market terms and conditions as disclosed in note 7.

## 13. Income Taxes

(a) Future income taxes consist of the following temporary differences on:

	1997	1996
Policy liabilities	\$ 45	\$ 93
Portfolio investments	306	155
Other	(39)	(103)
	<u>\$ 312</u>	<u>\$ 145</u>

(b) The Company's effective income tax rate is made up as follows:

	1997	1996
Combined basic Canadian federal and provincial tax rate	44.2 %	44.1 %
Increase (decrease) in the income tax rate resulting from:		
Adjustment of future income taxes to a present value basis	–	4.2
Tax exempt dividends	(4.7)	(2.6)
Tax exempt portion of capital gains	(1.1)	(0.5)
Lower effective tax rates on income not subject to tax in Canada	(20.3)	(8.0)
Investment income tax	2.6	1.1
Large corporations tax	1.1	0.5
Miscellaneous	1.0	1.4
Effective income tax rate applicable to current year	22.8 %	40.2 %
Decrease in the income tax rate resulting from prior years' tax adjustments	(13.2)%	(8.2)%
Effective income tax rate	<u>9.6 %</u>	<u>32.0 %</u>

Certain changes made in 1988 to the United States Internal Revenue Code could potentially result in significant increases in income taxes payable by Canadian life insurance companies carrying on business in the United States. The Great-West Life Assurance Company has reflected the impact of these changes in its financial statements. In 1997 The Great-West Life Assurance Company reduced the provision for income taxes by \$32 million due to the resolution of 1990 and 1991 United States tax issues. 1996 included a provision reduction of \$35 million due to the resolution of 1988 and 1989 United States tax issues. The final resolution of the application of the changes to the Code to income taxes of The Great-West Life Assurance Company related to the years 1992 – 1996 remains outstanding.



#### 14. Off Balance Sheet Financial Instruments

In the normal course of managing exposure to fluctuations in interest and foreign exchange rates, and to market risks, The Great-West Life Assurance Company is an end user of various derivative financial instruments that are not reported on the balance sheet.

- (a) The following table summarizes The Great-West Life Assurance Company's derivative portfolio and related credit exposure:

	1997				
	Notional Amount <sup>(1)</sup>	Maximum Credit Risk	Future Credit Exposure	Credit Risk Equivalent	Risk Weighted Equivalent
<b>Interest Rate Contracts</b>					
Futures	\$ 25	\$ -	\$ -	\$ -	\$ -
Swaps	1,039	24	5	29	6
Options purchased	951	-	5	5	1
	2,015	24	10	34	7
<b>Foreign Exchange Contracts</b>					
Forward contracts	1,003	12	23	35	7
Cross-currency swaps	1,103	34	63	97	19
	2,106	46	86	132	26
<b>Other Derivative Contracts</b>					
Equity contracts	257	4	20	24	3
Forward rate agreements	50	-	-	-	-
	307	4	20	24	3
	\$ 4,428	\$ 74	\$ 116	\$ 190	\$ 36
<b>Geographic</b>					
Canada	\$ 2,913	\$ 61	\$ 98	\$ 159	\$ 30
United States	1,515	13	18	31	6
	\$ 4,428	\$ 74	\$ 116	\$ 190	\$ 36
1996					
	Notional Amount <sup>(1)</sup>	Maximum Credit Risk	Future Credit Exposure	Credit Risk Equivalent	Risk Weighted Equivalent
<b>Interest Rate Contracts</b>					
Swaps	\$ 468	\$ 18	\$ 3	\$ 21	\$ 4
Options purchased	493	-	3	3	1
	961	18	6	24	5
<b>Foreign Exchange Contracts</b>					
Forward contracts	311	2	4	6	1
Cross-currency swaps	640	44	40	84	17
	951	46	44	90	18
<b>Other Derivative Contracts</b>					
Equity contracts	103	1	6	7	1
	\$ 2,015	\$ 65	\$ 56	\$ 121	\$ 24
<b>Geographic</b>					
Canada	\$ 1,016	\$ 57	\$ 40	\$ 97	\$ 19
United States	999	8	16	24	5
	\$ 2,015	\$ 65	\$ 56	\$ 121	\$ 24

- (1) All contracts are over-the-counter traded and are with counterparties that are highly-rated financial institutions.

- (b) The following table provides the use, notional amount and estimated fair value of The Great-West Life Assurance Company's derivative portfolio at December 31:

1997									
Contracts Held for Asset/Liability Management						Contracts Held for Other Purposes			
Notional Amount						Total Estimated Fair Value	Notional Amount	Total Estimated Fair Value	
1 Year or Less	1–5 Years		Over 5 Years						
Interest Rate Contracts									
Futures	\$ 25	\$ –	\$ –	\$ –	\$ –	\$ –	\$ –	\$ –	–
Swaps	323	560	156	17	–	–	–	–	–
Options purchased	–	951	–	1	–	–	–	–	–
	348	1,511	156	18	–	–	–	–	–
Foreign Exchange Contracts									
Forward contracts	260	–	–	4	743	4	–	–	–
Cross-currency swaps	165	344	594	(43)	–	–	–	–	–
	425	344	594	(39)	743	4	–	–	–
Other Derivative Contracts									
Equity contracts	–	170	87	39	–	–	–	–	–
Forward rate agreements	50	–	–	1	–	–	–	–	–
	50	170	87	40	–	–	–	–	–
	\$ 823	\$ 2,025	\$ 837	\$ 19	\$ 743	\$ 4	–	–	–
Geographic									
Canada	\$ 668	\$ 723	\$ 779	\$ 6	\$ 743	\$ 4	–	–	–
United States	155	1,302	58	13	–	–	–	–	–
	\$ 823	\$ 2,025	\$ 837	\$ 19	\$ 743	\$ 4	–	–	–

1996									
Contracts Held for Asset/Liability Management						Contracts Held for Other Purposes			
Notional Amount						Total Estimated Fair Value	Notional Amount	Total Estimated Fair Value	
1 Year or Less	1–5 Years		Over 5 Years						
Interest Rate Contracts									
Swaps	\$ 10	\$ 365	\$ 93	\$ 14	\$ –	\$ –	\$ –	\$ –	–
Options purchased	–	493	–	–	–	–	–	–	–
	10	858	93	14	–	–	–	–	–
Foreign Exchange Contracts									
Forward contracts	–	14	–	1	297	(1)	–	–	–
Cross-currency swaps	26	248	366	6	–	–	–	–	–
	26	262	366	7	297	(1)	–	–	–
Other Derivative Contracts									
Equity contracts	103	–	–	1	–	–	–	–	–
	\$ 139	\$ 1,120	\$ 459	\$ 22	\$ 297	\$ (1)	–	–	–
Geographic									
Canada	\$ 36	\$ 310	\$ 373	\$ 26	\$ 297	\$ (1)	–	–	–
United States	103	810	86	(4)	–	–	–	–	–
	\$ 139	\$ 1,120	\$ 459	\$ 22	\$ 297	\$ (1)	–	–	–

- (c) Realized gains (losses) net of tax derived from derivative contracts held for other purposes, associated with the management of the volatility of the foreign currency translation of the United States operations into Canadian dollars was \$(15) million (\$1 million in 1996).



## 15. Contingent Liabilities

The Company's subsidiaries, London Insurance Group, London Life Insurance Company and The Great-West Life Assurance Company are subject to individual legal actions arising in the ordinary course of business. These legal actions are not expected to have a material adverse effect on the consolidated financial position of the Company.

In addition, three actions have been commenced against The Great-West Life Assurance Company, one in British Columbia, one in Ontario and one in Quebec, related to the availability of policy dividends to pay future premiums. Further, four actions have been commenced against London Life Insurance Company, two in Ontario, one in British Columbia and one in Quebec, related to the availability of policy dividends to pay future premiums. The courts have not yet considered whether any of these actions is appropriate for certification as a class action proceeding. These actions are in their early stages and accordingly, the Company is not able to make an assessment as to the probable outcome of such litigation.

## 16. Segmented Information

The Great-West Life Assurance Company and its subsidiaries offer an array of insurance, retirement and investment products and services for individuals, businesses and organizations in Canada and the United States. These operations represent one segment of the financial services market.

### Year ended December 31, 1997

	Holding Company	Insurance Operations	Total	Geographic Distribution	
				Canada	United States
<b>(A) Consolidated Operations:</b>					
Income:					
Premium income	\$ –	\$ 4,587	\$ 4,587	\$ 2,568	\$ 2,019
Net investment income	1	2,184	2,185	828	1,357
Fee income	–	705	705	124	581
Total income	1	7,476	7,477	3,520	3,957
Benefits and Expenses:					
Paid or credited to policyholders	–	5,723	5,723	2,803	2,920
Commissions	–	296	296	151	145
Operating expenses	1	861	862	297	565
Premium taxes	–	71	71	34	37
Provision for integration costs	–	250	250	250	–
Net operating income before income taxes	0	275	275	(15)	290
Income taxes	–	27	27	(40)	67
Net income before minority and other interests	\$ 0	\$ 248	\$ 248	\$ 25	\$ 223
Minority and other interests of The Great-West Life Assurance Company and its subsidiaries					
Participating policyholders	\$ –	\$ (18)	\$ (18)	\$ (23)	\$ 5
Preferred shareholder dividends	–	15	15	8	7
Minority shareholders' interest	–	1	1	–	1
	–	(2)	(2)	(15)	13
Net income	\$ 0	\$ 250	\$ 250	\$ 40	\$ 210
<b>(B) Identifiable Assets:</b>					
Assets	\$ 15	\$ 52,069	\$ 52,084	\$ 31,421	\$ 20,663
Segregated funds	–	22,162	22,162	10,963	11,199
Other assets under administration	–	1,286	1,286	1,286	–
Total assets under administration	\$ 15	\$ 75,517	\$ 75,532	\$ 43,670	\$ 31,862
<b>(C) Liabilities, Capital Stock and Surplus:</b>					
Policy liabilities	\$ –	\$ 42,091	\$ 42,091	\$ 24,861	\$ 17,230
Other, including capital and surplus	15	9,978	9,993	6,560	3,433
Total liabilities, capital stock and surplus	\$ 15	\$ 52,069	\$ 52,084	\$ 31,421	\$ 20,663

## Year ended December 31, 1996

	Holding Company	Insurance Operations	Total	Geographic Distribution	
				Canada	United States
<b>(A) Consolidated Operations:</b>					
Income:					
Premium income	\$ -	\$ 3,532	\$ 3,532	\$ 1,314	\$ 2,218
Net investment income	1	1,981	1,982	709	1,273
Fee income	-	567	567	80	487
Total income	1	6,080	6,081	2,103	3,978
Benefits and Expenses:					
Paid or credited to policyholders	-	4,614	4,614	1,549	3,065
Commissions	-	263	263	111	152
Operating expenses	2	669	671	208	463
Premium taxes	-	68	68	28	40
Net operating income before income taxes	(1)	466	465	207	258
Income taxes	-	149	149	83	66
Net income before minority and other interests	\$ (1)	\$ 317	\$ 316	\$ 124	\$ 192
Minority and other interests of The Great-West Life Assurance Company and its subsidiaries					
Participating policyholders	\$ -	\$ 13	\$ 13	\$ 10	\$ 3
Preferred shareholder dividends	-	13	13	6	7
Minority shareholders' interest	-	1	1	-	1
	-	27	27	16	11
Net income	\$ (1)	\$ 290	\$ 289	\$ 108	\$ 181
<b>(B) Identifiable Assets:</b>					
Assets	\$ 11	\$ 27,999	\$ 28,010	\$ 8,172	\$ 19,838
Segregated funds	-	12,342	12,342	4,899	7,443
Total assets under administration	\$ 11	\$ 40,341	\$ 40,352	\$ 13,071	\$ 27,281
<b>(C) Liabilities, Capital Stock and Surplus:</b>					
Policy liabilities	\$ -	\$ 23,184	\$ 23,184	\$ 6,706	\$ 16,478
Other, including capital and surplus	11	4,815	4,826	1,466	3,360
Total liabilities, capital stock and surplus	\$ 11	\$ 27,999	\$ 28,010	\$ 8,172	\$ 19,838

## AUDITORS' REPORT

## To the Shareholders, Great-West Lifeco Inc.

We have audited the consolidated balance sheets of Great-West Lifeco Inc. as at December 31, 1997 and 1996 and the summaries of consolidated operations, the consolidated statements of surplus and the consolidated statements of changes in financial position for the years then ended. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with generally accepted auditing standards. Those standards require that we plan and perform an audit to obtain reasonable assurance whether the consolidated financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the consolidated financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall consolidated financial statement presentation.

In our opinion, these consolidated financial statements present fairly, in all material respects, the financial position of the Company as at December 31, 1997 and 1996 and the results of its operations and the changes in its financial position for the years then ended in accordance with generally accepted accounting principles.



Chartered Accountants

Winnipeg, Manitoba, January 28, 1998



**FIVE YEAR SUMMARY***(in millions of dollars except per common share amounts)*

	1997
<b>AT DECEMBER 31</b>	
Life insurance in force (face amount)	\$ 412,104
Annuities in force (funds held)	39,032
Health insurance in force (annualized premiums)	6,594
Total assets under administration	75,532
<b>FOR THE YEAR</b>	
Total premiums including risk premiums, self-funded premium equivalents and segregated fund deposits	
Life insurance	1,850
Annuities	4,638
Health insurance	4,866
Reinsurance	904
Property & casualty	7
Total	12,265
Net investment income	2,185
Fee and other income	705
Paid or credited to policyholders including dividends and experience refunds	5,723
<b>CONDENSED SUMMARY OF OPERATIONS</b>	
<b>Income</b>	
Premium income	\$ 4,587
Net investment income	2,185
Fee and other income	705
Total income	7,477
<b>Benefits and Expenses</b>	
Paid or credited to policyholders	5,723
Commissions	296
Operating expenses	862
Premium taxes	71
Provision for integration costs	250
<b>Net operating income before income taxes</b>	275
Income taxes – current	105
– future	(78)
<b>Net income before minority and other interests</b>	248
Minority and other interests of The Great-West Life Assurance Company and its subsidiaries	
Participating policyholders	(18)
Preferred shareholder dividends	15
Minority shareholders' interest	1
	(2)
<b>Net income</b>	<u>\$ 250</u>
<b>SUMMARY OF NET INCOME</b>	
Preferred shareholder dividends	\$ 31
Net income – common shareholders	219
<b>Net income</b>	<u>\$ 250</u>
Earnings per common share	\$ 1.36
Return on common shareholders' equity	12.5%
Book value per common share	\$ 14.16
Dividends to common shareholders – per share	\$ 0.74

1996	1995	1994	1993
\$ 251,743	\$ 249,142	\$ 247,815	\$ 206,949
24,505	22,202	20,577	18,725
5,092	5,166	5,407	4,352
40,352	36,721	34,261	30,432
1,806	1,756	1,839	1,244
3,293	3,057	3,297	2,397
4,506	4,771	4,349	3,631
-	-	-	-
-	-	-	-
9,605	9,584	9,485	7,272
1,982	1,999	1,861	1,866
567	525	463	385
4,614	4,885	4,787	4,156
\$ 3,532	\$ 3,783	\$ 3,744	\$ 3,025
1,982	1,999	1,861	1,866
567	525	463	385
6,081	6,307	6,068	5,276
4,614	4,885	4,788	4,156
263	270	255	225
671	637	571	522
68	72	84	64
-	-	-	-
465	443	370	309
198	158	105	174
(49)	9	24	(60)
316	276	241	195
13	10	12	1
13	18	18	20
1	1	1	1
27	29	31	22
\$ 289	\$ 247	\$ 210	\$ 173
\$ 30	\$ 29	\$ 23	\$ 21
259	218	187	152
\$ 289	\$ 247	\$ 210	\$ 173
\$ 1.65	\$ 1.38	\$ 1.19	\$ 0.97
17.2%	15.9%	15.3%	14.3%
\$ 10.13	\$ 9.03	\$ 8.31	\$ 7.19
\$ 0.59	\$ 0.48	\$ 0.40	\$ 0.29



**G**reat-West Lifeco Inc. was formed in 1986 to hold the securities of The Great-West Life Assurance Company, and currently owns approximately 99.5% of the voting interest in Great-West Life. Great-West Life is the largest provider of individual life and group life and health insurance plans in Canada. Great-West Life operates in Canada both directly and indirectly through its subsidiary London Life Insurance Company, and operates in the United States primarily through its wholly-owned subsidiary, Great-West Life & Annuity Insurance Company (GWL&A). Lifeco is controlled by Power Financial Corporation, which controls, directly or indirectly, approximately 81.18% of Lifeco's outstanding common shares representing approximately 64.99% of the voting interest in Lifeco.

Lifeco believes that sound corporate governance is essential to the well being of Lifeco and its shareholders. Lifeco currently has no holdings other than securities of Great-West Life, it carries on no businesses or activities that are unrelated to those holdings, and its Board of Directors is identical to the Board of Great-West Life. As a result, the processes and structures that are required to properly direct and manage the business and affairs of Lifeco (i.e. prudent and effective corporate governance practices) have largely been implemented through Great-West Life. Lifeco offers the following comments with respect to its corporate governance practices.

### Board and Board Committees

The Board of Lifeco is comprised of 21 Directors, and there are currently three Committees of the Board, namely the Executive Committee, the Audit Committee and the Stock Option Plan Administrative Committee. The mandate of the Board is to supervise the management of the business and affairs of Lifeco. The mandate of the Executive Committee is to supervise the management of the business and affairs of Lifeco when the Board is not in session. The mandate of the Audit Committee is to review the financial statements of Lifeco and public disclosure documents containing financial information and to report on such review to the Board. The membership of the Audit Committee of Lifeco is identical to that of the Audit Committee of Great-West Life and both Audit Committees have the same Chairman. The mandate of the Stock Option Plan Administrative Committee is to administer Lifeco's Stock Option Plan.

### Board and Board Committee Composition

A majority of the 21 Directors on the Board of Lifeco are "unrelated" to Lifeco. In addition, a significant number of Directors are free from any interests in, or relationships with, either Lifeco or its controlling shareholder.

A majority of the Directors of the Executive Committee are unrelated to Lifeco. The Audit Committee and the Stock Option Plan Administrative Committee are composed entirely of unrelated

non-management Directors and the Chairman of the Board is a non-management Director.

### Board Operation

The Chairman's responsibility toward the efficient operation of the Board includes the recommendation, after consultation, of appropriate candidates for nomination to the Board, as well as recommendations concerning Directors' compensation and any change that would improve the workings of the Board.

Committees may, at the expense of Lifeco, retain such professional advisors as the Committees deem appropriate for purposes of carrying out their duties and responsibilities.

Management is expected to develop an annual business plan incorporating the business objectives and key results for which management is responsible each year, and to submit the plan to the Board for approval. Management is expected to implement the plan, to achieve the objectives and results, and to report to the Board on its progress.

### Shareholder Matters

In addition to the public disclosure documents which Lifeco is required to produce by various regulatory authorities, Lifeco communicates with shareholders through quarterly reports, the annual report and press releases when appropriate. Every shareholder inquiry receives a prompt response from an appropriate officer of Lifeco.

## DIRECTORS AND OFFICERS

### BOARD OF DIRECTORS

#### James W. Burns, O.C. <sup>②③</sup>

Chairman of the Board  
of the Corporation  
Deputy Chairman,  
Power Corporation of Canada

#### Orest T. Dackow <sup>③</sup>

President and  
Chief Executive Officer  
of the Corporation

#### André Desmarais <sup>①③</sup>

President and Co-Chief Executive Officer,  
Power Corporation of Canada  
Deputy Chairman,  
Power Financial Corporation  
Chairman,  
Power Corporation (Asia) Limited

#### Paul Desmarais, P.C., C.C.

Chairman of the Executive Committee,  
Power Corporation of Canada

#### Paul Desmarais, Jr. <sup>②③</sup>

Chairman and  
Co-Chief Executive Officer,  
Power Corporation of Canada  
Chairman,  
Power Financial Corporation

#### Robert G. Graham <sup>③</sup>

Corporate Director

#### Robert Gratton <sup>②③</sup>

President and Chief Executive Officer,  
Power Financial Corporation

#### Charles H. Hollenberg, M.D., O.C. <sup>③</sup>

President,  
Ontario Cancer Treatment & Research  
Foundation

#### Kevin P. Kavanagh <sup>③</sup>

Corporate Director  
Chancellor,  
Brandon University

#### J. Blair MacAulay <sup>①②③</sup>

Of Counsel to Fraser & Beatty

#### The Right Honourable Donald F. Mazankowski, P.C. <sup>③</sup>

Corporate Director  
Business Consultant

#### William T. McCallum

President and Chief Executive Officer,  
Great-West Life & Annuity  
Insurance Company

President and Chief Executive Officer,  
The Great-West Life Assurance Company –  
United States Operations

#### Raymond L. McFeetors <sup>③</sup>

President and Chief Executive Officer,  
The Great-West Life Assurance Company  
President and Chief Executive Officer,  
The Great-West Life Assurance Company –  
Canadian Operations  
President and Chief Executive Officer,  
London Life Insurance Company

#### Randall L. Moffat <sup>①</sup>

Chairman and President,  
Moffat Communications Limited

#### Jerry E.A. Nickerson <sup>①②③</sup>

Chairman,  
H.B. Nickerson & Sons Limited

#### The Honourable P. Michael Pitfield, P.C., Q.C.

Vice-Chairman,  
Power Corporation of Canada  
Member of the Senate of Canada

#### Michel Plessis-Bélair, F.C.A. <sup>①③</sup>

Vice-Chairman and  
Chief Financial Officer,  
Power Corporation of Canada  
Executive Vice-President  
and Chief Financial Officer,  
Power Financial Corporation

#### H. Sanford Riley

President and  
Chief Executive Officer,  
Investors Group Inc.

#### Guy St-Germain, C.M. <sup>③</sup>

President,  
Placements Laugerma Inc.

#### Barry C. Steers

Corporate Director  
Past Canadian Ambassador to Japan

#### Douglas T. Wright, Q.C. <sup>①</sup>

Corporate Director  
Past President,  
University of Waterloo

<sup>①</sup> member of the Audit Committee

<sup>②</sup> member of the Stock Option Plan Administrative Committee

<sup>③</sup> member of the Executive Committee

### EXECUTIVE OFFICERS

#### Orest T. Dackow

President and  
Chief Executive Officer

#### D. Craig Lennox

Vice-President,  
Counsel and Secretary, United States

#### Mitchell T.G. Graye

Vice-President,  
Finance, United States

#### Sheila A. Wagar

Vice-President,  
Counsel and Secretary, Canada

#### William W. Lovatt

Vice-President  
Finance, Canada



### **Annuity:**

A contract providing income payments at regular (usually monthly) intervals for a specified period. A life annuity provides payments during the lifetime of the annuitant. An annuity certain provides periodic payments over a specified number of years and is not dependent on any person's survival. An annuity consideration is the payment, or series of payments, made to purchase an annuity. An annuity can be purchased as either registered or non-registered funds.

### **Cash value:**

The amount available in cash upon voluntary termination of a policy by its owner before it becomes payable by death or maturity.

### **Derivative financial instruments:**

Financial contracts that derive their value from the value of an underlying asset or index, such as interest rates, exchange rates, equities or commodities. Derivative transactions are conducted in the over-the-counter market directly between two parties or on regulated exchange markets.

**Swaps** are contractual agreements between two parties to exchange a rate of return on one investment for the rate of return on another investment such as a floating rate of interest for a fixed rate of interest. For cross currency swaps, floating interest payments of one currency are exchanged for floating interest payments in a different currency. Equity index swaps are contracts to pay or receive cash flows based on the increase or decrease in the underlying index.

**Options** convey the right, but not the obligation, to either buy or sell a specific amount of a financial instrument at a fixed price either at a fixed future date or at any time within a fixed future period. For options purchased, a premium or fee is paid for the right to exercise the option.

**Forwards and Futures** are contracts to either buy or sell a specified currency or financial instrument at a specified price and date in the future. Forward contracts are customized and transacted in the over-the-counter market. Futures are transacted in standardized amounts on regulated exchanges and are subject to daily cash margining.

**Notional Amount** is the face or principal value upon which the performance of a derivative contract is based. In general, notional values are not paid or received.

**Maximum Credit Risk** is the current replacement cost of all outstanding derivative contracts with a positive (receivable by the company) value.

**Future Credit Exposure** represents the potential for future changes in value based upon a formula prescribed by the Superintendent of Financial Institutions Canada.

**Credit Risk Equivalent** represents the total of maximum credit risk and future credit exposure.

**Risk Weighted Balance** represents the credit risk equivalent, weighted according to the creditworthiness of the counterparty on a basis prescribed by the Superintendent of Financial Institutions Canada.

**Total Estimated Fair Value** is the net of contracts in a receivable position (maximum credit risk) and those in a payable position.

### **Disability insurance (DI):**

A type of health insurance designed to compensate insured people for a portion of the income they lose because of a disabling injury or illness. Generally, benefits for disability insurance are in the form of monthly payments. Individual DI policies can be cancellable, where the insurer can terminate the policy at any time by providing written notice and refunding any advance premiums; or non-cancellable, where the insurer must renew the policy until the insured reaches a certain age, and cannot increase premiums.

### **Employee Benefits Division:**

A business unit of Great-West Life & Annuity Insurance Company, Great-West Life's U.S. subsidiary. Employee Benefits markets life, health and disability insurance and 401(k) products on a group basis to corporations and associations.

### **Experience Refund:**

The portion of a group insurance premium that is returned to a group policyholder whose claims experience is better than had been expected when the premium was calculated.

### **Financial Services Division:**

A business unit of Great-West Life & Annuity Insurance Company, Great-West Life's U.S. subsidiary. Financial Services markets accumulation and payout annuities for employees in the public/non-profit sector and life insurance products to individuals.

### **Group Insurance Operations:**

A business unit of Great-West Life in Canada, that markets life, health and disability insurance products for group clients.

### **HMO:**

Health Maintenance Organization. A prepaid group health plan available in the U.S., that provides a range of services in return for fixed monthly premiums.

**Individual Operations:**

A business unit of Great-West Life in Canada that markets life and disability insurance products for individual clients.

**Life income funds (LIFs):**

Plans which provide flexible options for receiving income from a company pension plan.

**Life insurance in force (face amount):**

The amount stated as payable at the death of the insured or at the maturity of the policy.

**Managed care:**

A method of delivering, supervising and co-ordinating health care, often through HMOs and other networks of doctors and hospitals.

**Minimum Continuing Capital and Surplus Requirement (MCCSR):**

A formula to determine the adequacy of an insurance company's capital, specified by the Office of the Superintendent of Financial Institutions Canada.

**Morbidity rate:**

The likelihood that a person of a given age will suffer an illness or disability. The premium that a person pays for health insurance is based in part on the morbidity rate for that person's age group.

**Mortality rate:**

The frequency with which death occurs among a defined group of people. The premium that a person pays for life insurance is based in part on the mortality rate for that person's age group.

**New annualized premium:**

A measure of new sales, equal to the full first year premium on all sales made during the year.

**Non-participating life insurance:**

Life insurance issued on which policyholders do not share in any surplus earnings distributed by the company. No policy dividends are payable. The premium is based on an estimate of future costs and investment earnings very close to what the company feels most likely to occur, with a margin for contingencies and profit.

**OSFI:**

Office of the Superintendent of Financial Institutions Canada. The federal agency responsible for regulating and supervising banks, insurance, trust, loan and investment companies and co-operative credit associations that are licensed or registered by the federal government.

**Participating life insurance:**

Life insurance on which policyowners share in the surplus earnings attributable to the participating

business. Dividends can be left on deposit in the policy as part of the cash value or can be used to purchase additional coverage, pay premiums or make loan payments.

**Persistency:**

A measure of how long a policy or block of policies remains in force.

**Point-of-Service (POS) plan:**

A comprehensive managed care plan that directs patient care through primary care physicians who serve as gatekeepers and generally refer patients to contracted providers. The plan uses a nationwide network of hospitals and physicians, enhanced utilization management program, and plan design to control costs and promote quality care.

**Policy reserves:**

Amounts set aside today, which when combined with future premiums and investment income, will provide for future claims and expenses on those claims.

**Policyholder dividend:**

A refund to the policyowner each year of a portion of the premium based on the company's experienced and anticipated costs. Policy dividends are not guaranteed but depend on mortality experience, investment earnings and other factors and may be increased or decreased at the discretion of the company.

**Policyowner surplus:**

The amount of a participating policyowner's assets remaining after all the liabilities have been deducted; the equivalent of shareholder retained earnings for participating policyowners.

**Preferred Provider Organization (PPO) plan:**

A comprehensive managed care plan in the U.S. that integrates sophisticated cost and quality controls into a fee-for-service plan. Wholesale reimbursement arrangements are negotiated with providers in exchange for redirected patient volume. The plan uses a nationwide network of hospitals and physicians, comprehensive utilization management and an open-ended plan design that offers both savings and flexibility.

**Premium income:**

The income from sales of insurance policies and retirement savings and income products.

**RRIF:**

Registered Retirement Income Funds. Savings plans which can be purchased using RRSP funds and pay out as long as the fund balance supports the payments. RRIF payments are taxable while the remaining funds are tax sheltered.



**Reinsurance contracts:**

These contracts are legal agreements in which an insurer (cedant) transfers certain risks on insurance policies to another insurance company (the reinsurer).

**Retirement & Investment Services:**

A business unit of Great-West in Canada, that markets accumulation and payout annuity products for group and individual clients.

**RRSP:**

Registered Retirement Savings Plan. A plan enabling Canadian citizens to establish tax-sheltered accounts to accumulate money toward retirement. Income taxes on contributions and earnings are deferred until the funds are withdrawn.

**Section 401(k) plan:**

In the United States, a qualified cash or deferred profit sharing or stock bonus plan which allows participants to decide how much of their compensation is deferred. Participant contributions are not taxable until the funds are withdrawn, and sponsor contributions as well as earnings are also tax-deferred to the participant.

**Section 403(b) plan, Section 457 plan:**

In the United States, a type of employee retirement plan established by certain tax-exempt organizations.

**Segregated funds:**

Investment funds managed separately from an insurance company's general funds, on behalf of clients. Unlike mutual funds, the principal invested is guaranteed in the event of the death of the investor.

**Term life insurance:**

Insurance which provides protection for a specific length of time, such as one, five, 10 or 20 years. Most plans allow the policyowner to renew for another term or convert the policy to whole life insurance. The cost of term insurance increases as the policyowner ages. Term insurance does not generally have a cash value.

**Whole life insurance:**

Insurance which protects the policyowner throughout his or her lifetime, providing death benefits and building cash value. The policyowner may borrow funds against the value of the policy. The premium paying period may vary, e.g., payments may end after 20 years or at age 65. The cash value continues to build after premiums are fully paid. Also called traditional or permanent insurance.

**Universal life insurance:**

A whole life insurance product in which the mortality, investment and expense factors used to calculate premium rates and cash values are stated separately in the policy. Expense charges are deducted from the premium, and the balance is credited to the policy's cash value. Each month, the insurer deducts mortality costs from the cash value and credits the remainder of the cash value with interest. The policyowner can specify the premium amount, and change the death benefit after the policy has been issued, subject to restrictions established by the company.

## SHAREHOLDER INFORMATION

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### Registered Office

100 Osborne Street North, Winnipeg, Manitoba R3C 3A5

### Stock Exchange Listings (symbol: GWO)

Toronto Stock Exchange  
Montreal Stock Exchange  
Winnipeg Stock Exchange

The Common Shares and the First Preferred Shares Series A, B and C and Class A Preferred Shares, Series 1 are listed on the stock exchanges.

### Transfer Agent and Registrar

#### Montreal Trust Company of Canada

411-7th Avenue, Calgary, Alberta T2P 1E7  
1800 McGill College Avenue, Montreal, Quebec H3A 3K9  
151 Front Street W., 8th Floor, Toronto, Ontario M5J 2N1  
510 Burrard Street, Vancouver, British Columbia V7C 3B9  
200 Portage Avenue, Mezzanine Level, Winnipeg, Manitoba R3C 3X2

### Dividend Record Dates

Common Shares and First Preferred Shares Series A, B and C:

Between the 14th and 17th of March, June, September and December

Class A Preferred Shares, Series 1:

Between the 14th and 17th of January, April, July and October

### Dividend Payment Day

Common Shares and First Preferred Shares Series A, B and C:

Usually the last day of each quarter.

Class A Preferred Shares, Series 1:

On the last day of January, April, July and October.

### Annual Meeting

April 23, 1998 at a location in Winnipeg as specified in the notice of meeting, at 11:45 a.m. or as soon thereafter as the Annual General Meeting of The Great-West Life Assurance Company shall have terminated. (The Great-West Life Annual General Meeting begins at 11:00 a.m.)

### Inquiries

For financial information about Great-West Lifeco Inc., please contact

**Canadian Operations:** Chief Financial Officer (204) 946-7341

**United States Operations:** Chief Financial Officer (303) 689-6770

For copies of the Annual or Quarterly Reports, contact the Secretary's Department (204) 946-8682.

Visit our web site: [www.gwl.ca](http://www.gwl.ca)



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